Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	16	significance adj propagation adj pass and JPEG and parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 11:10
L2	231	375/253	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:51
L3	231	375/246	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:51
L4	568	375/240.02	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:51
L5	354	375/240.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:51
L6	490	375/240.11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:51
L7	310	375/240.19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:51
L8	723	375/240.2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:51

Γ	T		<del></del> -	1		
L9	1359	375/240.24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:51
L10	0	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:52
L11	0	1 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:52
L12	1	1 and 4	US-PGPUB; USPAT;	OR	ON	2005/03/17 08:52
			USOCR; EPO; JPO;			
			DERWENT; IBM_TDB			
L13	0	1 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:52
L14	0	1 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:52
L15	6	1 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:52
L16	0	1 and 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:52

L17	0	1 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:52
L20	1	"10/028320"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 09:46
L21	23	significance adj propagation adj pass and magnitude adj refinement adj pass and cleanup adj pass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 10:02
L23	14	21 and (four adj bits)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 10:37
L24	9	21 and ("4" adj bits)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 10:10
L25	561	382/234	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 10:11
L26	1	1 and 25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 10:25
L27	0	21 and 25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 10:25

L28	1	"09/987230"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 11:06
L29	0	(significance adj propagation adj pass) with context with sign adj bit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 11:12
L30	0	(significance adj propagation adj pass) same context same (sign adj bit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 11:12
L31	24	(significance adj propagation adj pass) and context and (sign adj bit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 11:13
L32	0	(significance adj propagation adj pass) and context and (sign adj bit) and (significance adj flag)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 11:12
S1	1	"10/032419"	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	ON	2005/03/16 20:14
			DERWENT; IBM_TDB			
S2	1	annie adj group	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 07:59
<b>S3</b>	12	magnitude adj refinement adj pass and JPEG and parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:00

$\overline{}$				<del></del>		
<b>S4</b>	12	magnitude adj refinement adj pass and JPEG and parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:49
S5	19	cleanup adj pass and JPEG and parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:18
S6	1	annie with group	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:24
S7	231	375/253	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:51
58	1	S3 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:25
S9	1	S4 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:25
S10	1	S5 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:25
S11	231	375/246	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:51

S12	0	S3 and S11	US-PGPUB;	OR	ON	2005/03/17 08:24
	Ů	33 dild 311	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OK .		2003/03/17 06:24
S13	0	S4 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:24
S14	0	S5 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:25
S15	568	375/240.02	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:51
S16	0	S3 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:28
S17	0	S4 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:28
S18	1	S5 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:28
S19	354	375/240.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:51

			γ			
S20	0	S3 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:28
S21	0	S4 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:28
S22	1	S5 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR.	ON	2005/03/17 08:28
S23	490	375/240.11	US-PGPUB; USPAT; USOCR;	OR	ON	2005/03/17 08:51
			EPO; JPO; DERWENT; IBM_TDB			
S24	0	S3 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:29
S25	0	S4 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:29
S26	0	S5 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:29
S27	310	375/240.19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:51

626		62 1 627				2027/22//
S28		S3 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:30
S29	3	S4 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:30
S30		S5 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:30
S31	723	375/240.2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:51
S32		S3 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:30
S33	0	S4 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	ON	2005/03/17 08:30
			DERWENT; IBM_TDB			
S34	0	S5 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:31
S35	1359	375/240.24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:51

S36	0	S3 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:30
S37	0	S4 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:30
S38		S5 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 08:31



Web Images Groups

oups News

News Froogle Local New!

more x

"significance propagation"

Search

Advanced Search Preferences

Web

Results 1 - 86 of about 124 for "significance propagation". (0.40 seconds)

#### [PPT] JPEG-2000

File Format: Microsoft Powerpoint 97 - View as HTML

... Each bit-plane is encoded in 3 passes: Significance Propagation,. Magnitude Refinement,..

Cleanup,. ... Significance Propagation. Includes samples that: ...

www.cs.sfu.ca/CC/820/li/ material/presentations/paper20.ppt - Similar pages

#### (PPT) EBCOT

File Format: Microsoft Powerpoint 97 - View as HTML

... Forward Significance Propagation Pass (1p for bit-plane p). ... Reverse Significance

Propagation Pass (2p). Identical to 1p except two points. ...

www.cs.sfu.ca/CC/820/li/ material/presentations/paper21.ppt - Similar pages

#### [PDF] Pyramid coding and subband coding

File Format: PDF/Adobe Acrobat - View as HTML

... 10 Three passes for each bit-plane Significance Propagation Pass Magnitude Refinement

Pass ... 11 1 Significance Propagation Pass Only encode coefficients ...

www.stanford.edu/class/ee398a/handouts/12-JPEG2000.pdf - Similar pages

#### [PDF] Image Compression Standards II - JPEG2000

File Format: PDF/Adobe Acrobat - View as HTML

... Four different passes are used: forward significance propagation pass ( P p 1 );

reverse significance propagation pass ( P p 2 ); magnitude refinement pass ( ...

turing.une.edu.au/~comp311/ Lectures/Lecture21/Lecture21.pdf - Similar pages

#### [PDF] 訊號壓縮 Outline

File Format: PDF/Adobe Acrobat - View as HTML

... Sub-bitplane (Coding Pass) • Each bitplane is coded in 3 sub-bitplanes (coding passes) •

Significance propagation • (Magnitude) Refinement • Clean-up ...

vc.cs.nthu.edu.tw/home/courses/ SignalCompression/SignalCompression\_0830.pdf - Similar pages

# [PDF] Decompression of corrupt JPEG2000 codestreams - Data Compression ...

File Format: PDF/Adobe Acrobat - View as HTML

... The first pass in a new bitplane is called the **significance propagation** pass. Let

us define O as the "significance state" of a sample at location ...

www-spacl.ece.arizona.edu/~bilgin/papers/DCC2003\_1.pdf - Similar pages

#### [PDF] JPEG-2000 compression using 3D wavelets and KLT with application ...

File Format: PDF/Adobe Acrobat - View as HTML

... The three coding passes are called: Significance Propagation, Magnitude

Refinement and Cleanup. The Significance Propagation pass ...

www-spacl.ece.arizona.edu/~bilgin/papers/IS2000.pdf - Similar pages

[ More results from www-spack.ece.arizona.edu ]

#### [PDF] The JPEG2000 Standard

File Format: PDF/Adobe Acrobat - View as HTML

... based adaptive binary arithmetic coder is used to compress each bit-plane in a sequence

of three coding passes:  $\mathbf{significance}$  propagation, magnitude refinement  $\dots$ 

wwwiti.cs.uni-magdeburg.de/iti\_amsl/ lehre/04\_05\_WiSem/mmtech\_v/scripte/content.pdf - Similar pages

# [PDF] Wavelet, Approximation & Image Compression

File Format: PDF/Adobe Acrobat - View as HTML

Page 1. Wavelet, Approximation & Image Compression Xiteng Liu Department

of Mathematics University of South Carolina Columbia, SC ...

www.math.sc.edu/~liu/WAIC.pdf - Similar pages

# [PDF] Volumetric Data Compression based on Cube-Splitting and Embedded ...

File Format: PDF/Adobe Acrobat - View as HTML

Page 1. Volumetric data compression based on Xavier Gir Ó i Nieto Cube-Splitting

and Embedded Block Coding by Optimized Truncation 1 ...

gps-tsc.upc.es/imatge/\_Xgiro/ research/publications/2000/cs-ebcot.pdf - Similar pages

#### [PDF] JPEG2000 - A Short Tutorial

File Format: PDF/Adobe Acrobat - View as HTML

... Three different coding passes are used (see Figure 9): Significance Propagation,

Magnitude Refine- ment, and Normalisation (Cleanup). ...

www.di.unipi.it/~impoco/files/tutorial\_JPEG2000.pdf - Similar pages

#### грог Lo Standard JPEG2000: Applicazioni ed Estensioni

File Format: PDF/Adobe Acrobat - View as HTML

Page 1. Università di Catania Facoltà di Scienze MM.FF.NN. Corso di Laurea in Informatica Tesi di Laurea Lo Standard JPEG2000: Applicazioni ed Estensioni ...

www.di.unipi.it/~impoco/files/tesi.pdf - Similar pages

### [PDF] Microsoft PowerPoint - StandardJPEG JPEG2000

File Format: PDF/Adobe Acrobat - View as HTML

... bit-depth coefficient Cleanup Significance Propagation Magnitude Refinement Page

21. 21 ... Cleanup Significance Propagation Magnitude Refinement EBCOT - Tier 2 ...

www.dmi.unict.it/~battiato/ download/Part\_III\_IC\_standard.pdf - Similar pages

# [PDF] Bandwidth Compression (BWC) Guide for JPEG 2000 Visually Lossless ...

File Format: PDF/Adobe Acrobat - View as HTML

... Passes (Annex D.3)....59 2.3.3.3.1.1 Significance Propagation (Annex D.3.1 ...

164.214.2.51/ntb/baseline/docs/bwcj2k/J2K\_Guide\_WD1.pdf - Similar pages

#### [PDF] Overview of JPEG2000

File Format: PDF/Adobe Acrobat - View as HTML

... "Forward significance propagation pass", 1 p P During this pass we visit the

sub-blocks in forward scan-line order (ie 1 i B, 2 i B, 3 i B, ...) skipping ...

sipi.usc.edu/~ortega/Students/ chrysafi/doc/ChristosChrysafis\_IS\_n\_T\_1999.pdf - Similar pages

#### [PDF] N1646R Coding of Still Pictures

File Format: PDF/Adobe Acrobat - View as HTML

... 85 Table D-1 Contexts for the significance propagation

pass and cleanup coding passes . . . . . ...

www.ece.drexel.edu/courses/ECE-C453/Notes/jpeg2000.pdf - Similar pages

#### [PDF] The JPEG 2000 still image compression standard - IEEE Signal ...

File Format: PDF/Adobe Acrobat - View as HTML

Page 1. The JPEG 2000 Still Image Compression Standard Athanassios Skodras,

Charilaos Christopoulos, and Touradj Ebrahimi T he development ...

www.cis.pku.edu.cn/teacher/ vision/lintong/teaching/TSPM01-J2K.pdf - Similar pages

# [PDF] Chapter 9 Image Compression Standards 9.1 The JPEG Standard

File Format: PDF/Adobe Acrobat - View as HTML

Page 1. Fundamentals of Multimedia, Chapter 9 Chapter 9 Image Compression Standards

9.1 The JPEG Standard 9.2 The JPEG2000 Standard 9.3 The JPEG-LS Standard ...

www.cs.ccu.edu.tw/~rfchang/pdf/mm\_chap09.pdf - Similar pages

#### [PDF] High Speed VLSI Architecture for Bit Plane Encoder of JPEG2000

File Format: PDF/Adobe Acrobat - View as HTML

... pass under consideration. Thus this al- gorithm fails to take the effect

of significance propagation into account. In the proposed ...

www.ee.unsw.edu.au/~taubman/ publications\_files/j2k-vlsi-mwscas04.pdf - Similar pages

# [PDF] HIGH PERFORMANCE SCALABLE IMAGE COMPRESSION WITH EBCOT David ...

File Format: PDF/Adobe Acrobat - View as HTML

... The coding passes are as follows: Forward significance propagation pass, P p 1 Scans each sub-block from top to bottom using the ZC and RLC primitives to code ... www.ee.unsw.edu.au/~taubman/ publications\_files/ebcot-icip99.pdf - Similar pages

[ More results from www.ee.unsw.edu.au ]

### [PDF] Embedded Wavelet-Based Image Compression: State of the Art

File Format: PDF/Adobe Acrobat

... Specific- ally, JPEG-2000 uses a significance- propagation pass that codes those coefficients that are currently in-significant but have at least one neighbor ... www.extenza-eps.com/extenza/loadPDF?objectIDValue=22708 - Similar pages

#### JPEG 2000: How does it work?

... current or previous bit plane 3 . The first pass in a new bit plane is called the significance propagation pass. A bit is coded in ... www.gvsu.edu/math/wavelets/ student\_work/EF/how-works.html - 46k - Cached - Similar pages

#### rppfi Contents

File Format: PDF/Adobe Acrobat - View as HTML

... 91 Page 3. "fm" — 2003/5/12 — 19:54 — page ix — #5 Contents ix 4.7.3.1 Significance propagation pass 93 4.7.3.2 Magnitude refinement pass 95 ... www.iee.org/Publish/Books/TeleComm/TE049c.pdf - Similar pages

# грьг High performance scalable image compression with EBCOT - Image ...

File Format: PDF/Adobe Acrobat - View as HTML

Page 1. 1158 IEEE TRANSACTIONS ON IMAGE PROCESSING, VOL. 9, NO. 7, JULY 2000 High Performance Scalable Image Compression with EBCOT David Taubman, Member, IEEE ... www.ece.ucdavis.edu/~mihaela/ebcot.pdf - Similar pages

#### [PDF] Microsoft PowerPoint - UCDavis Class 03 10.ppt

File Format: PDF/Adobe Acrobat - View as HTML

Page 1. 1 HP Labs UCD Wavelet Image Coding Amir Said, Oct. 21, 2003 Introduction to Wavelet Image Coding Amir Said Hewlett-Packard Laboratories, Palo Alto ... www.ece.ucdavis.edu/~mihaela/lecture8 old.pdf - Similar pages

# [PDF] 私立中原大學電機工程學系碩士學位論文Receiver ...

File Format: PDF/Adobe Acrobat

... 16 2.3.1.1 Significance propagation pass ····· 20 ... 表2.1 在Significance

propagation pass 及Cleanup pass 的 k 值求法 • 19 ...

thesis.lib.cycu.edu.tw/ETD-db/ETD-search/ getfile?urn=etd-0822103-175945&&filename=9078047.pdf - Similar pages

# [PDF] 私立中原大學電機工程學系碩士學位論文JPEG 2000 ...

File Format: PDF/Adobe Acrobat

... 2.5.1 Significance propagation pass.......20 ... 表2.3 在Significance

propagation pass及Cleanup pass的 k 值求法....19 ...

thesis.lib.cycu.edu.tw/ETD-db/ETD-search/ getfile?urn=etd-0723102-111004&&filename=8978016.pdf -Similar pages

#### [PDF] Lossy-to-lossless compression of medical volumetric data using ...

File Format: PDF/Adobe Acrobat - View as HTML

... Using three passes—significance propagation, magnitude refinement and normalization to process each bit plane in the natural raster scan order, 3-D ESCOT ...

wclb.tamu.edu/publ/papers/XioWuCheHua03.pdf - Similar pages

#### [PDF] EBCOT - Special Features

File Format: PDF/Adobe Acrobat - View as HTML

Page 1. EBCOT - Special Features Seminar Datenkompression MLU Halle-Wittenberg,

2002 Karsten Scheibler, Seminar Datenkompression 2002 ...

nirvana.informatik.uni-halle.de/ ~ritter/Seminar2002/11\_06\_2002.pdf - Similar pages

#### [PDF] Memory Efficient Progressive Rate-Distortion Algorithm for JPEG ...

File Format: PDF/Adobe Acrobat - View as HTML

... standard. FBPC has three passes in each bit plane: significance propagation

pass, mag- nitude refinement pass, and cleanup pass. ...

bahia.cs.panam.edu/~pstsai/ Publications/Paper2005/CSVT2005.pdf - Similar pages

# INTERNET-DRAFT Eric Edwards draft-edwards-avt-rtp-jpeg2000-00.txt ...

... bitplane. There are 3 passes for the code-block: significance propagation

pass, magnitude refinement pass, and cleanup pass. After ...

www.watersprings.org/pub/ id/draft-edwards-avt-rtp-jpeg2000-00.txt - 47k - Cached - Similar pages

#### [PPT] SEAKR Overview

File Format: Microsoft Powerpoint 97 - View as HTML

... Significance propagation coding is also a challenge, because each coefficient

must be accessed many times, as each bit plane is processed. ...

klabs.org/mapld04/presentations/ session\_p/p133\_vanburen\_s.ppt - Similar pages

# [РDF] Human Body Imaging: generic tasks in medical image process- ing ...

File Format: PDF/Adobe Acrobat - View as HTML

... which are encoded according to SAQ-principles using a set of bit- plane based coding

passes (cube-splitting, forward significance propagation pass, magnitude ...

www.etro.vub.ac.be/Education/ Summer%20school-Patras%20August%202002-%20summary.pdf - Similar pages

# [PDF] FAST SEGMENTATION AND LOSSY-TO-LOSSLESS COMPRESSION OF DNA ...

File Format: PDF/Adobe Acrobat - View as HTML

... 2. Fractional bit-plane coding: The coding procedure consists of three passes in

each bit-plane: the **significance propagation** pass processes co- efficients ... www.gensips.gatech.edu/ proceedings/Contributed/CP2-01.pdf - Similar pages

# [PDF] JPEG2000: The New Still Picture Compression Standard

File Format: PDF/Adobe Acrobat - View as HTML

... For each bit- plane in a code-block, a special code-block scan pattern is used for

each of three passes (significance propagation pass, magnitude refinement ...

www.eecs.harvard.edu/~michaelm/CS222/jpegb.pdf - Similar pages

#### INTERNET-DRAFT Eric Edwards draft-ietf-avt-rtp-jpeg2000-00.txt ...

... plane. There are 3 passes for the code block: significance propagation

pass, magnitude refinement pass, and cleanup pass. After ...

www.cs.columbia.edu/~hgs/rtp/ drafts/draft-ietf-avt-rtp-jpeg2000-00.txt - 58k - Cached - Similar pages

#### [PDF] THE JPEG2000 STILL IMAGE CODING SYSTEM: AN OVERVIEW

File Format: PDF/Adobe Acrobat - View as HTML

Page 1. Published in IEEE Transactions on Consumer Electronics, Vol. 46, No. 4,

pp. 1103-1127, November 2000 THE JPEG2000 STILL IMAGE CODING SYSTEM: AN OVERVIEW ...

jj2000.epfl.ch/jj\_publications/papers/006.pdf - Similar pages

#### [PDF] JPEG2000: The Upcoming Still Image Compression Standard

File Format: PDF/Adobe Acrobat - View as HTML

... significance propagation pass, the magnitude refinement pass and the

clean-up pass (Marcellin et al., 2000). Each coefficient bit ...

www.upatras.gr/ieee/skodras/pubs/ans-b17.pdf - Similar pages

# [PDF] On the JPEG2000 Implementation on Different Computer Platforms

File Format: PDF/Adobe Acrobat - View as HTML

... For each bit-plane in a code-block, a special code-block scan pattern is used for each of three passes (**significance propagation** pass, magnitude refinement ... www.upatras.gr/ieee/skodras/pubs/ans-c36.pdf - Similar pages

# [PDF] Significant bit-plane clustering technique for JPEG2000 image ...

File Format: PDF/Adobe Acrobat

... JPEG2000. EBCOT defines three fractional bit-plane passes: the **significance propagation**, magnitude refinement and cleanup passes. ...

ieeexplore.ieee.org/iel5/ 2220/29353/01327521.pdf?arnumber=1327521 - Similar pages

# [PDF] Parallel high-speed architecture for ercot in JPEG2000 - Acoustics ...

File Format: PDF/Adobe Acrobat

... If the bit is insignificant and any one of its neighbors is significant, it is coded in **significance propagation** pass (pass I) that is based on ZC primitive. ... ieeexplore.ieee.org/iel5/ 8535/27072/01202408.pdf?arnumber=1202408 - Similar pages [ More results from ieeexplore.ieee.org ]

# [PDF] Analysis and architecture design of block-coding engine for EBCOT ...

File Format: PDF/Adobe Acrobat

... significant sample will then all be coded in pass 2, and their insignificant neighbors will be coded in pass 1 due to the **significance propagation** prediction. ... dx.doi.org/10.1109/TCSVT.2003.809833 - Similar pages

# [PDF] High-performance 3-D embedded wavelet video (EWV) coding ...

File Format: PDF/Adobe Acrobat

... defined. **Significance propagation** pass: During this pass, only the insignificant coeffi- cients with preferred neighborhoods are coded. ... dx.doi.org/10.1109/MMSP.2001.962793 - Similar pages

# [PDF] The Existing DCT-Based JPEG Standard

File Format: PDF/Adobe Acrobat - View as HTML

Page 1. 1 Bernie Brower Systems Engineering Systems Engineering Services The Existing DCT-Based JPEG Standard Page 2. 2 Bernie Brower ... www.ismc.nga.mil/ntb/2002SICS/ Comp\_Tutorial\_Apr02\_pt3.PDF - Similar pages

# [PDF] CODEBLOCK OPTIMIZATION OF JPEG-2000 BASED CODEC

File Format: PDF/Adobe Acrobat - View as HTML

... 12 1.6.1 Significance propagation pass . . . . . ... 8 1.2 Contexts for significance propagation and cleanup passes . . . . . ...

aldebaran.cz/~hofmanj/diplom/thesis.pdf - Similar pages

#### [PDF] PII: S0923-5965(01)00024-8

File Format: PDF/Adobe Acrobat - View as HTML

Page 1. Signal Processing: Image Communication 17 (2002) 3–48 An overview of the JPEG2000 still image compression standard Majid Rabbani\*, Rajan Joshi ... www.csd.uch.gr/~hy471/bibliography/jpeg2000.pdf - Similar pages

#### New Crop Publications/Issue 9: Australian New Crops Newsletter

... Contents: uses, active constituents, product forms, species of commercial **significance**, **propagation**, seed treatment, soil preferences, ground preparation ... www.newcrops.uq.edu.au/newslett/ncnl9-20.htm - 57k - <u>Cached</u> - <u>Similar pages</u>

#### Open Mind, Open World -- KESL.org - [Translate this page]

... 내부 알고리즘 파악 \* 전처리 과정 \* DWT(Discrete Wavelet Transform) \* 양자화 \* Embedded

Block Coding \* Significance Propagation Pass \* Magnitude ...

kesl.org/board/view.php?tb=tb\_freetalk& no=2555&page=1&sd=&sg=&st=&search\_yes= - 22k - Cached - Similar pages

#### [PDF] Coding Algorithms in JPEG2000

File Format: PDF/Adobe Acrobat

... 0 **Significance Propagation** Pass (SPP): Bit positions that have a magnitude of 1 for the first time (ie, the most significant bit of the corresponding sample ... doi.wiley.com/10.1002/0471653748.ch7 - Similar pages

#### IPDFI VLSI Architectures for JPEG2000

File Format: PDF/Adobe Acrobat

Page 1. VLSI Architectures for JPEG2000 9.1 INTRODUCTION JPEG2000 [I, 21 is a very versatile image compression standard with multipur ... doi.wiley.com/10.1002/0471653748.ch9 - Similar pages

# [PDF] Combined wavelet video coding and error control for Internet ...

File Format: PDF/Adobe Acrobat - View as HTML

... Specifically, the coding procedure in 3D EWV consists of three consecutive passes in each bit-plane. (i) **Significance propagation** pass. ... hindawi.co.uk/se/ get.php?volume=2003&pii=S1110865703210106 - <u>Similar pages</u>

# [PDF] A new algorithm for bit rate allocation in Jpeg2000 tile encoding ...

File Format: PDF/Adobe Acrobat - View as HTML

... The first bit-plane has only one coding pass; the others have three coding passes: significance propagation, magnitude refinement and cleanup. ... www.csai.unipa.it/lacascia/papers/iciap03.pdf - Similar pages

#### dohoavietnam -> Cac van de trong do hoa - [Translate this page]

... Significance propagation (SP). - Magnitude refinement(MR). -

Clean- up. Đ□nh nghĩa : H□ s□ tr□ng s□. ...

dohoavietnam.com/index.php?act=view& code=post&pid=19&cid=14&id=90 - 99k - Cached - Similar pages

# [PDF] Ricoh Silicon Valley, Inc. The JPEG-2000 Standard

File Format: PDF/Adobe Acrobat - View as HTML

... Each bitplane is coded in three passes **Significance propagation** A bit is coded in this pass if its location is insignificant but has a significant neighbor ... rii.ricoh.com/~gormish/pdf/ dcc2000\_jpeg2000\_joint\_charts.pdf - <u>Similar pages</u>

#### To or from code based on probability - Patent Storm

... The method comprises a **significance propagation** pass 314, a magnitude refinement pass 316, and a cleanup pass 318 for entropy coding the symbols. ... www.patentstorm.us/class/341/ 107-To\_or\_from\_code\_based\_on\_probability.html - 37k - <u>Cached</u> - <u>Similar pages</u>

# [PDF] Steganography in JPEG2000 compressed images - Consumer Electronics ...

File Format: PDF/Adobe Acrobat - View as HTML

... The first coding pass is the **significance propagation** pass, which conveys significance and necessary sign information for samples that have not yet been found ... viola.usc.edu/newextra/Publication/ PDF/selected/2003\_IEEE-TCE\_Su.pdf - <u>Similar pages</u>

# [PDF] JPEG2000標準化動向

File Format: PDF/Adobe Acrobat - View as HTML

... 単位で処理を行う.ピットプレーン内の各ピットに対しては, significance

propagation pass(有意な係数が周囲にある有意で ...

www.ricoh.co.jp/about/business overview/report/27/pdf/B2712.pdf - Similar pages

#### [PDF] 目錄

File Format: PDF/Adobe Acrobat

Page 1. 目錄 CHAPTER 1 導論 ...

etd.lib.nsysu.edu.tw/ETD-db/ETD-search/ getfile?URN=etd-0726101-174000&filename=etd-0726101-174000.pdf -

#### Similar pages

#### [PDF] N2000 Coding of Still Pictures

File Format: PDF/Adobe Acrobat - View as HTML

Page 1. ISO/IEC JTC 1/SC 29/WG 1 N2000 Date: 7 December 2000 ISO/IEC JTC

1/SC 29/WG 1 (ITU-T SG8) Coding of Still Pictures JBIG JPEG ...

www.jpeg.org/public/fcd15444-2.pdf - Similar pages

# [PDF] INFORMATION TECHNOLOGY

File Format: PDF/Adobe Acrobat - View as HTML

... 61 Table C-1 Contexts for the significance propagation and cleanup passes . . . . . ...

www.cis.udel.edu/~amer/CISC651/ JPEG2000\_draft\_std\_cd15444-1.pdf - Similar pages

# [PDF] Standard JPEG 2000: sistemi di decodifica riconfigurabili per ...

File Format: PDF/Adobe Acrobat - View as HTML

Page 1. POLITECNICO DI TORINO Facolt'a di Ingegneria dell'Informazione Corso di

Laurea in Ingegneria Informatica Tesi di Laurea Standard JPEG 2000: sistemi ...

www.vlsilab.polito.it/Thesis/Vacca/tesi.pdf - Similar pages

#### 59) Come è organizzato il processo di codifica/decodifica ? - [ Translate this page ]

... I passi sono : Significance Propagation Pass. Magnitude Refinement Pass. Cleanup

Pass. Gli stessi passi vengono effettuati in fase di decodifica. torna all'indice

www.jpeg.it/files/xrisposta059.htm - 4k - Cached - Similar pages

# <u>虫儿飞------ Blogcn | 中国博客网| 博客(blog) ...</u> - [ Translate this page ]

... 3个编码通道中进行编码。通道1是重要性传播通道(Significance

Propagation Pass),至少有一个重要性邻域的像素...

xiaochongchong.blogone.net/ - 78k - Cached - Similar pages

#### [PDF] Region Of Interest (ROI) Automatically Determination in

File Format: PDF/Adobe Acrobat - View as HTML

... DWT Coef icients Split into w\*w code\_block Significance Propagation Pass Magnitude

Refinement Pass Clean Up Pass RD Optimization Layer and Packet Formation ...

210.244.96.249/40\_techology/ 43\_knowhow/data/4301\_oscal/tk008.pdf - Similar pages

# [PDF] Error-resilient coding in JPEG-2000 and MPEG-4 - Selected Areas in ...

File Format: PDF/Adobe Acrobat - View as HTML

... The three sub-bit-plane passes are i) significance propagation pass, ii)

magnitude refinement pass, and iii) normalization pass. ...

3c.nii.org.tw/3c/silicon/embedded/MPEG/ Error-resilient%20coding%20in%20JPEG-2000%20and%20MPEG-4%20.pdf - Similar pages

#### [PDF] 資料壓縮

File Format: PDF/Adobe Acrobat - View as HTML

Page 1. 資料壓縮專題報告—JPEG20001 資料壓縮 專題報告— JPEG 2000

系所:電研所VLSI/CAD 組 學號: N26891942 學生:王聰智 ...

dcmc.ee.ncku.edu.tw/pdf/Reports/JPEG\_2000.pdf - Similar pages

#### [PDF] Embedded Block Coding in JPEG2000

File Format: PDF/Adobe Acrobat - View as HTML

Page 1. Embedded Block Coding in JPEG2000 David Taubman 1, Erik Ordentlich

2, Marcelo Weinberger Gadiel Seroussi Information Theory ...

www.hpl.hp.com/techreports/2001/HPL-2001-35.pdf - Similar pages

#### Function Evaluation in Unnormalized Arithmetic

... The analysis, although framed in terms of unnormalized arithmetic, gives insight into the general nature of **significance propagation** through function evaluation ...

portal.acm.org/ citation.cfm?id=321222&jmp=references&dl=GUIDE&dl=ACM&CFID=11111111&CF... - Supplemental Result - Similar pages

#### [DOC] AGRICULTURE EDUCATION

File Format: Microsoft Word 2000 - View as HTML

... It introduces students to a variety of Plant Science areas including but not limited

to: Plant Significance, Propagation, Anatomy, Physiology, Genetics, Soil ...

www.larue.k12.ky.us/kwright/ 2002-2003%20Course%20Descriptions.doc - Supplemental Result - Similar pages

#### [РРТ] Scalable Image Coding in JPEG2000

File Format: Microsoft Powerpoint 97 - View as HTML

... Each sample in the pass is coded using the significance coding primitive. Significance

Propagation Pass. Example: Insignificant samples in bit-plane p. ...

planeta.terra.com.br/.../Apresentac%F5es/ Report/Scalable%20Image%20Coding%20in%20JPEG2000\_v2.ppt -

Supplemental Result - Similar pages

#### [PDF] Contents

File Format: PDF/Adobe Acrobat - View as HTML

... The first pass is the Significance Propagation Pass and codes the magnitude bit ...

Propagation Pass in the fractional bit-plane coding. Figure 13. ...

planeta.terra.com.br/lazer/tiagoandrezzafalk/ Artigos/Reports/JPEG2000%20report.pdf - Supplemental

Result - Similar pages

# [PDF] 3D Compression of Medical Data Based on Cube-Splitting and ...

File Format: PDF/Adobe Acrobat - View as HTML

... Cube-Splitting coder. Three passes are defined per bit-plane: the significance

propagation pass P p i 1, the magnitude refinement ...

www.stw.nl/prorisc/proc-2000/schelkens.pdf - Supplemental Result - Similar pages

# [PDF] JPEG 2000 IMAGE CODING SYSTEM: COMFORMANCE TESTING

File Format: PDF/Adobe Acrobat - View as HTML

... applied. There are three types of coding passes: significance propagation

pass, magnitude refinement pass and cleanup pass. The ...

www.itscj.ipsj.or.jp/sc29/open/29view/29n4280t.pdf - Supplemental Result - Similar pages

#### JPEG2000

... 使用軟體語言做初步的驗證與模擬。 3 coding pass. (1) Significance

propagation pass (有意義點判斷步驟). This ...

140.113.150.201/research/Asic/JPEG2000.htm - 63k - Supplemental Result - Cached - Similar pages

#### Diff: draft-ietf-avt-rtp-jpeg2000-00.txt - draft-ietf-avt-rtp ...

... significance propagation pass, magnitude refinement pass, and, have been coded into

a short bit stream, a header is added turning, cleanup pass. ...

ietf.levkowetz.com/drafts/avt/rtp-jpeg2000/ draft-ietf-avt-rtp-jpeg2000-01-from-00.diff.html - 101k - Supplemental Result -

Cached - Similar pages

#### JPEG 2000 Related Standards Technical Discussion Legal Problems

... significant neighbours. The three passes are called Significance Propagation,

Magnitude Refinement and Cleanup Pass, respectively. The ...

www.masterliness.com/a/JPEG.2000.htm - 20k - Supplemental Result - Cached - Similar pages

# [PDF] JPEG2000 JPEG2000 정지영상 정지영상 압축부호화 ...

File Format: PDF/Adobe Acrobat - View as HTML

... Coding Pass Coding Pass significance propagation pass (P1) ... EBCOT (CX) EBCOT (CX)

Significance Propagation Pass (P1) Significance Propagation Pass (P1) ...

idec.chonnam.ac.kr/data/2002/remote/5.20/jpegpo.pdf - Supplemental Result - Similar pages

# <u>Diên Đàn Tin Hōc THIÊN AN - View Single Post - Đ□nh ...</u> - [ <u>Translate this page</u> ]

... ngo□i tr□ MSB mã hoá s□ d□ng ch□ theo m□t ph□□ng th□c duy nh□t là clean-

up ) - Significance propagation (SP) - Magnitude ...

diendan.thienantech.com/ showpost.php?p=3002&postcount=4 - 23k - Supplemental Result - Cached - Similar pages

# 新一代静止图像编码标准JPEG2000概述 - [Translate this page ]

... Passes)之一进行编码:重要性传播过程(Significance Propagation

Pass)、幅度精练过程(Magnitude Refinement Pass)和清理过程...

www.61ic.com/Article/dspzh/200408/264.html - 28k - Supplemental Result - Cached - Similar pages

### [PDF] JPEG2000 の標準化動向 1 .

File Format: PDF/Adobe Acrobat - View as HTML

...ットに対しては、・ significance propagation pass (

有意な係数が周囲にある有意でない係数の符号化) ...

www.katto.comm.waseda.ac.jp/~ohma/V03.pdf - Supplemental Result - Similar pages

# JPEG2000 - [Translate this page]

... Wichtige Bits mit viel Informationsgehalt und wenig Filegröße zuerst: Significance

Propagation Zuerst die Bits mit der größten Wahrscheinlichkeit, dass sie ...

kurse.horus.at/2003-ss/ formattransfer/webfolien/jpeg2000.html - 14k - Supplemental Result - Cached - Similar pages

#### 6. JPEG2000 NORMA

... Svaka bitovna ravnina se kodira sa po tri prolaza (prenošenje važnosti - Significance

Propagation, izoštravanje - Refinement, pročišćavanje - Cleanup), a ...

www.vcl.fer.hr/dtv/jpeg/ebcot.htm - 63k - Supplemental Result - Cached - Similar pages

# [PDF] INFORMATION EMBEDDING IN JPEG-2000 COMPRESSED IMAGES Po-Chyi Su ...

File Format: PDF/Adobe Acrobat - View as HTML

... The symbols generated from the **significance propagation** and the magni- tude refinement

passes can be either raw coded or entropy coded by a context-based ...

biron.usc.edu/~pochyisu/pdf/iscas.pdf - Supplemental Result - Similar pages

#### [PDF] N 1 8 9 0 Coding of Still Pictures

File Format: PDF/Adobe Acrobat - View as HTML

Page 1. ISO/IEC JTC 1/SC 29/WG 1 N 1 8 9 0 Date: 25 September 2000 ISO/IEC JTC

1/SC 29/WG 1 (ITU-T SG8) Coding of Still Pictures JBIG JPEG ...

www.iv.optica.csic.es/projects/d3y/wg1n1890.pdf - Supplemental Result - Similar pages

#### [PDF] JPEG2000: an Overview I Introduction

File Format: PDF/Adobe Acrobat - View as HTML

... in sign-magnitude form • Leading "all-zero' bit-planes are skipped • Each bit-plane

is coded in three passes o Significance propagation pass A bit ...

ee.tamu.edu/~pengxu/Research/JPEG2000Overview.pdf - Supplemental Result - Similar pages

#### SmartPedia.com - Free Online Encyclopedia - Encyclopedia Books.

... withoutsignificant neighbours. The three passes are called Significance Propagation,

Magnitude Refinement and Cleanup Pass, respectively. The ...

www.smartpedia.com/smart/browse/JPEG\_2000 - 26k - Supplemental Result - Cached - Similar pages

In order to show you the most relevant results, we have omitted some entries very similar to the 86 already displayed.

If you like, you can repeat the search with the omitted results included.

Free! Google Desktop Search: Search your own computer. <u>Download now.</u>



"significance propagation" Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

Google Home - Advertising Programs - Business Solutions - About Google

©2005 Google



 Web
 Images
 Groups
 News
 Froogle
 Local New!
 more »

 "significance propagation" jpeg parallel
 Search
 Advanced Search Preferences

Web

Results 1 - 19 of about 24 for "significance propagation" jpeg parallel. (0.18 seconds)

#### [PPT] **JPEG-2000**

File Format: Microsoft Powerpoint 97 - View as HTML

... Agenda. Introduction. JPEG-2000 Coding Engine. Codec Structure. ... Significance Propagation.

Includes samples that: ... Mode Variations. Parallel Execution of Coding Passes ...

www.cs.sfu.ca/CC/820/li/ material/presentations/paper20.ppt - Similar pages

# [PDF] The JPEG 2000 still image compression standard - IEEE Signal ...

File Format: PDF/Adobe Acrobat - View as HTML

Page 1. The JPEG 2000 Still Image Compression Standard ... L 2. General block diagram

of the JPEG 2000 (a) encoder and (b) decoder. JPEG 2000 represents advances ...

www.cis.pku.edu.cn/teacher/ vision/lintong/teaching/TSPM01-J2K.pdf - <u>Similar pages</u>

#### [PDF] An Overview of JPEG 2000

File Format: PDF/Adobe Acrobat - View as HTML

... new bitplane is called the significance propagation pass ... which use thousands of contexts,

JPEG-2000 uses ... stripes" is sufficient to enable parallel encoding of ...

rii.ricoh.com/~gormish/pdf/dcc2000\_jpeg2000\_note.pdf - Similar pages

# [PDF] Bandwidth Compression (BWC) Guide for JPEG 2000 Visually Lossless ...

File Format: PDF/Adobe Acrobat - View as HTML

... is used during the coding operation), which promotes parallel processing. ... significance

propagation p ... 1 describes the image data structure concepts of JPEG 2000 ...

164.214.2.51/ntb/baseline/docs/bwcj2k/J2K Guide WD1.pdf - Similar pages

#### [PPT] SEAKR Overview

File Format: Microsoft Powerpoint 97 - View as HTML

... Latest still image compression standard from the JPEG committee. ... Highly parallel

design. ... Significance propagation coding is also a challenge, because each ...

klabs.org/mapld04/presentations/ session\_p/p133\_vanburen\_s.ppt - Similar pages

# [PDF] MEMORY EFFICIENT PASS-PARALLEL ARCHITECTURE FOR JPEG2000 ENCODING ...

File Format: PDF/Adobe Acrobat - View as HTML

... There are 13 models for the significance propagation pass, 3 for ... and C. Hsieh, "Efficient

pass-parallel architecture for ... design of EBCOT for JPEG-2000," in ...

www.ee.unsw.edu.au/~taubman/ publications\_files/j2k-memory-isspa03.pdf - Similar pages

# [PDF] High Speed VLSI Architecture for Bit Plane Encoder of JPEG2000

File Format: PDF/Adobe Acrobat - View as HTML

... to take the effect of significance propagation into account. ... multiple column skipping

[3] and parallel context mod ... DS Taubman and MW Marcellin, JPEG 2000: Image ...

www.ee.unsw.edu.au/~taubman/ publications\_files/j2k-vlsi-mwscas04.pdf - Similar pages

# [PDF] Embedded Wavelet-Based Image Compression: State of the Art

File Format: PDF/Adobe Acrobat

... Specific- ally, JPEG-2000 uses a significance- propagation pass that codes those

coefficients that are currently in-significant but have at least one neighbor ...

www.extenza-eps.com/extenza/loadPDF?objectIDValue=22708 - Similar pages

#### [PDF] Decompression of corrupt JPEG2000 codestreams - Data Compression ...

File Format: PDF/Adobe Acrobat - View as HTML

... Unlike the significance propagation pass, however, a run coding mode may also occur

in ... CAUSAL mode was defined by the standard to allow parallel processing of ...

www-spacl.ece.arizona.edu/~bilgin/papers/DCC2003\_1.pdf - Similar pages

# [PS] An Overview of JPEG-2000 Michael W. Marcellin1, Michael J. ...

File Format: Adobe PostScript - View as Text

... bitplane is called the significance propagation pass. ... For highly optimized, pipelined, parallel implementations, entropy ... Progressive JPEG-2000 can actually use ...

www-spacl.ece.arizona.edu/~bilgin/postscript/dcc2000.ps - Supplemental Result - Similar pages

# [РРБ] High performance scalable image compression with EBCOT - Image ...

File Format: PDF/Adobe Acrobat - View as HTML

... Index Terms—Embedded coding, image compression, JPEG 2000, random access,

rate-distortion optimization, scalability, visual masking. ...

www.ece.ucdavis.edu/~mihaela/ebcot.pdf - Similar pages

#### [PDF] PII: S0923-5965(01)00024-8

File Format: PDF/Adobe Acrobat - View as HTML

... Part 1, in the same vein as the JPEG baseline system, is aimed at minimal complexity and maximal interchange and was issued as an International Standard at the ...

www.csd.uch.gr/~hy471/bibliography/jpeg2000.pdf - Similar pages

#### [PDF] JPEG 2000 IMAGE CODING SYSTEM: COMFORMANCE TESTING

File Format: PDF/Adobe Acrobat - View as HTML

... performance levels required to be compliant with a JPEG 2000 codestream ... There are three types of coding passes: significance propagation pass, magnitude ...

www.itsci.ipsj.or.jp/sc29/open/29view/29n4306t.pdf - Supplemental Result - Similar pages

# [PDF] Parallel high-speed architecture for ercot in JPEG2000 - Acoustics ...

File Format: PDF/Adobe Acrobat

... is significant, it is coded in significance propagation pass (pass ... Architecture Design

of EBCOT for JPEG-2000", IEEE ... Efficient Pass-Parallel Architecture for ...

ieeexplore.ieee.org/iel5/ 8535/27072/01202408.pdf?arnumber=1202408 - Similar pages

#### dohoavietnam -> Cac van de trong do hoa - [ Translate this page ]

... Các giai thuat sa dang trong JPEG 2000. 1. DC Level. ... Significance propagation

(SP). - Magnitude refinement(MR). - Clean- up. ...

dohoavietnam.com/index.php?act=view& code=post&pid=19&cid=14&id=90 - 99k - Cached - Similar pages

# [РРБ] Analysis and architecture design of block-coding engine for EBCOT ...

File Format: PDF/Adobe Acrobat

... coded in pass 1 due to the significance propagation prediction ... the flowcharts in

Annex C of JPEG 2000 standard ... coding is very difficult to be parallel processed ...

dx.doi.org/10.1109/TCSVT.2003.809833 - Similar pages

#### [PDF] JPEG2000: an Overview I Introduction

File Format: PDF/Adobe Acrobat - View as HTML

... JPEG at 0.125bpp ... memory consumption in hardware implementations • Parallel implementation then ... is coded in three passes o Significance propagation pass ° A ...

ee.tamu.edu/~pengxu/Research/JPEG2000Overview.pdf - Supplemental Result - Similar pages

#### [PDF] VLSI Architectures for JPEG2000

File Format: PDF/Adobe Acrobat

... of the decoder is almost 10 times that of the baseline JPEG decoder when ... computation leading to reduced memory require- ments] scope of parallel processing, etc ...

doi.wiley.com/10.1002/0471653748.ch9 - Similar pages

#### [PDF] 目録

File Format: PDF/Adobe Acrobat

... ROI (Region-of-Interest)、Error Resilience 等,因而被JPEG 2000 (ISO

15444) 採 ... 製作;在[5]中根據EZW 提出parallel 硬體架構。 ...

etd.lib.nsysu.edu.tw/ETD-db/ETD-search/ getfile?URN=etd-0726101-174000&filename=etd-0726101-174000.pdf - Similar pages

In order to show you the most relevant results, we have omitted some entries very similar to the 19 already displayed.

If you like, you can repeat the search with the omitted results included.

Free! Google Desktop Search: Search your own computer. <u>Download now.</u>

Find: ☑ emails - 圓 files - &chats - ❷ web history - ♪media - ❷ PDF

"significance propagation" jpeg p

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

Google Home - Advertising Programs - Business Solutions - About Google

©2005 Google



 Web
 Images
 Groups
 News
 Froogle
 Local New!
 more »

 "significance propagation" jpeg parallel "4 t
 Search
 Advanced Search Preferences

Web

Results 1 - 2 of 2 for "significance propagation" jpeg parallel "4 bits". (0.45 seconds)

Tip: Try removing quotes from your search to get more results.

#### [PDF] VLSI Architectures for JPEG2000

File Format: PDF/Adobe Acrobat

... 4 bits, are used to load and store the three state variables ... machine goes either to state 4 for significance propagation pass (SPP), ... doi.wiley.com/10.1002/0471653748.ch9 - Similar pages

#### [PDF] Parallel high-speed architecture for ercot in JPEG2000 - Acoustics ...

File Format: PDF/Adobe Acrobat

... proposed, which based on the **parallel** mode in JPEG2000: It ... it is coded in **significance propagation** pass (pass I) that is based. on. ZC primitive. ...

ieeexplore.ieee.org/iel5/ 8535/27072/01202408.pdf?arnumber=1202408 - Similar pages

Free! Google Desktop Search: Search your own computer. Download now.

is - 🗟 chats - 🐔 web history - 🎝	

"significance propagation" jpeg p

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

<u>Google Home</u> - <u>Advertising Programs</u> - <u>Business Solutions</u> - <u>About Google</u>

©2005 Google



 Web
 Images
 Groups
 News
 Froogle
 Local New!
 more »

 "significance propagation" jpeg parallel "fou"
 Search
 Advanced Search Preferences

Web

Results 1 - 2 of 2 for "significance propagation" jpeg parallel "four bits". (0.45 seconds)

Tip: Try removing quotes from your search to get more results.

[PDF] The JPEG 2000 still image compression standard - IEEE Signal ... File Format: PDF/Adobe Acrobat - View as HTML ... The JPEG 2000 standard provides a set of features that, are of importance to many high-end ... of zero during the significance propagation pass). The ... www.cis.pku.edu.cn/teacher/ vision/lintong/teaching/TSPM01-J2K.pdf - Similar pages

#### [PDF] VLSI Architectures for JPEG2000

File Format: PDF/Adobe Acrobat ... attained by the **JPEG** standard, they cannot be attained by a single unified ... machine goes either to state 4 for **significance propagation** pass (SPP), ... doi.wiley.com/10.1002/0471653748.ch9 - Similar pages

Free! Google Desktop Search: Search your own computer. <u>Download now.</u>

s - 🗟 chats - 🛍 web history - 🎝	

"significance propagation" jpeg p

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

Google Home - Advertising Programs - Business Solutions - About Google

©2005 Google

Yahoo! My Yahoo! Mail Welcome, Guest [Sign In]

Search Home Help

 Web
 Images
 Video
 Directory
 Local
 News
 Products

 "significance propagation" jpeg parallel
 Search

**Shortcuts** 

Advanced Search

Preferences

Search Results

Results 1 - 5 of about 5 for significance propagation jpeg parallel - 0.17 sec. (About this page

- 1. <a href="http://www.dtek.chalmers.se/~jemil/algo\_fk/source/jj2000/j2k/entropy/encoder/StdEntropyCode">http://www.dtek.chalmers.se/~jemil/algo\_fk/source/jj2000/j2k/entropy/encoder/StdEntropyCode</a>
  Those intending to use \* this software module in hardware or software products are advised that \* their use may in dtek.chalmers.se/~jemil/algo\_fk/source/jj2000/j2k/entropy/encoder/... 160k <a href="mailto:Cached">Cached</a> <a href="More from this site">More from this site</a>
- 2. <a href="http://www.utdallas.edu/~mjg022000/JPEG/presentation.ppt">http://www.utdallas.edu/~mjg022000/JPEG/presentation.ppt</a> (MICROSOFT POWERPOINT) <sup>□</sup>
  ... Block diagram of the JPEG 2000 encoder (a) and ... or decompression engine. Allow for parallel implementatic www.utdallas.edu/~mjg022000/JPEG/presentation.ppt 1582k View as html More from this site
- 4. Nimrod Peleg Nov. 2001 (PDF) 
  □ ... JPEG 2000: March 1997: JTC 1.29.14 (ISO/IEC ... error resilience. parallel computations ... , (The. signific cs.haifa.ac.il/~nimrod/Compression/Wavelets/w6jpeg2k-1.pdf 682k View as html More from this site
- 5. FASTSERIES (PDF) ☐ FASTSERIES. USER'S MANUAL. JPEG 2000 Encoder. 30002-00281. ALACRON JPEG2000 ENCODER. Page : in whole or in part, may not be copied, photocopied, www.alacron.com/downloads/vncl98076xz/Alacron JPEG2000 Manual.pdf 283k View as html More from this :

	Web	Images	<u>Video</u>	Directory	Local	News	Products	
Your Search:	"signi	ificance pr	opagatio	n" jpeg para	allel			Search

Help us improve your search experience. Send us feedback.

Copyright © 2005 Yahoo! Inc. All rights reserved. Privacy Policy - Terms of Service - Copyright Policy - Submit Your Site - Job Openings

Welcome, Guest [Sign In] Yahoo! My Yahoo! Mail

Search Home Help

Video Directory | Local | News | Products AHOO SEARCH "significance propagation" jpeg parallel "4 bits" Search

> **Shortcuts Advanced Search**

**Preferences** 

Search Results

Results 1 - 1 of about 1 for significance propagation jpeg parallel 4 bits - 0.46 sec. (About the

1. <a href="http://www.dtek.chalmers.se/~jemil/algo\_fk/source/jj2000/j2k/entropy/encoder/StdEntropyCode">http://www.dtek.chalmers.se/~jemil/algo\_fk/source/jj2000/j2k/entropy/encoder/StdEntropyCode</a> Those intending to use \* this software module in hardware or software products are advised that \* their use may it dtek.chalmers.se/~jemil/algo\_fk/source/jj2000/j2k/entropy/encoder/... - 160k - Cached - More from this site

Web Images Video Directory Local News Products Your Search: "significance propagation" jpeg parallel "4 bits" -Search

Help us improve your search experience. Send us feedback.

Copyright © 2005 Yahoo! Inc. All rights reserved. Privacy Policy - Terms of Service - Copyright Policy - Submit Your Site - Job Openings

Yahoo! My Yahoo! Mail Welcome, Guest [Sign In]

Search Home Help

 Web | Images | Video | Directory | Local | News | Products

 "significance propagation" jpeg parallel "four bits"

| Search

**Shortcuts** 

**Advanced Search** 

Preferences

Search Results

Results 1 - 1 of about 1 for significance propagation jpeg parallel four bits - 0.24 sec. (Abou

1. Nimrod Peleg Nov. 2001 (PDF) 电

... JPEG 2000: March 1997: JTC 1.29.14 (ISO/IEC ... – error resilience. – parallel computations ... , (The. signific cs.haifa.ac.il/~nimrod/Compression/Wavelets/w6jpeg2k-1.pdf - 682k - View as html - More from this site

 Web | Images | Video | Directory | Local | News | Products

 Your Search: "significance propagation" jpeg parallel "four bits"
 Search:

Help us improve your search experience. Send us feedback.

Copyright © 2005 Yahoo! Inc. All rights reserved. Privacy Policy - Terms of Service - Copyright Policy - Submit Your Site - Job Openings







About Us

Newsroom

Advisory Board

Submit Web Site

Search Tips

Contact Us

#### **Basic Search**

#### Advanced Search Search Preferences

		<b></b>		
		"si	gnificance propagation" jpeg parallel	earch
		Ţ.	All journal sources 🗹 All Web sources 🗆 Exact phrase	
	Se	arched for::	All of the words: "significance propagation" AND jpeg AND para	llel
		Found::	:23 total   1 journal results   22 Web results	
		Sort by::	:relevance   <u>date</u>	
		A		
		Save checke	d results Email checked results	Refine your search
	1.		00 still image compression standard - IEEE Signal	using these keywords found in the results:
		Processing M Apr 2003	<u>agazine</u>	clock cycle
			00 Still Image Compression Standard Athanassios	code block
			d color still images. This effort has been known as <b>JPEG</b> , tographic Experts Group. (The "joint" in <b>JPEG</b> refers to	<u>decoder</u>
		the collabora more hits	- tion between ITU and ISO see	error resilience low pass
			www.utdallas.edu/~mjg022000/overview/overview_1]	
		similar result	<u>s</u>	resilience
	2.	<u>JPEG-2000</u> May 2003		wavelet coefficients
		•	3 passes: Significance Propagation, Magnitude	Or refine using:
			.rfarahbo@cs.sfu.ca] <b>Significance Propagation</b> uplesfirst "1" bit <b>Propagation</b> Context is dependent on	All of the words
		The significa	ance of the neighbors	
		[http://www.similar result	.cs.sfu.ca/CC/820/li/material/presentations/]	refine
_	3.		Parallel Context Modeling Architecture for JPEG2000	
*	٠.	Apr 2003	•	
			ding, JPEG 2000, lossy compression, pass parallelcoding passes are: significance propagation (Pass	
		1), magnitud	eoperations on the <b>significance</b> of samples	
			sm for <b>parallel</b> processing of <u>m</u> [http://yun.ece.uci.edu/ImageProcessing/EBCOT-	
		1.doc]		
	_	similar result		
	4.	EBCOT Codin Nov 2003	<u>g</u>	
			ck coding is in particular suitable for <b>parallel</b>	
			ons, in which more units process code-blocksextremes bit-plane The steps are: § Significance Propagation	
			tude Refinement Pass § Cleanup	

more hits from [http://www.jpeg.org/.demo/FAQJpeg2k/EBCOT-

coding.htm]

similar results

<b>5.</b> Embedded block coding in JPEG 2000		5.	Embedded	block	codina	in	1PEG 2000
--	--	----	----------	-------	--------	----	-----------

Taubman, D. / Ordentlich, E. / Weinberger, M. / Seroussi, G., Signal Processing: Image Communication, Jan 2002 ....discussion of the significance propagation pass for an explanation...Section 3.3 . 4.1 Significance propagation pass The first...not. While the significance propagation pass should clearly...cleanup pass in JPEG 2000. To see this...

Full text article available from •cIBHCE @DIRECT Similar results

#### 6. Microsoft Word - paper.doc

Jan 2004

1 An Overview of **JPEG**-2000 Michael W. Marcellin1...Martin P. Boliek2 Abstract **JPEG**-2000 is an emerging standard...parent index to predict **significance**. Thus, the VM 2 bitplane...for a certain amount of **parallelism** and enables the type of...

for a flat

from [http://www.ece.arizona.edu/~bilgin/papers/DCC2000.pdf]
similar results

#### **7.** Introduction

May 2002

...Experts Group. It is superior to the original **JPEG** standard in terms of both performance and...8 2.2 FPGAS AND THE ORIGINAL **JPEG** STANDARD...52 List of Figures Figure 1.1: **JPEG** vs. JPEG2000 Compression...

[http://innovexpo.itee.uq.edu.au/2001/projects/s369272/...] similar results

# **8.** Exploration of Decimal Arithmetic

May 2004

...734 Final Project **JPEG** 2000 Overview Discrete...passes based on **significance**: **Significance Propagation** Pass Magnitude Refinement...Pass Clean-up Pass **Significance** – bits following...Tier-1 Dependencies **Significance** Pass: Codes bits... [http://homepages.cae.wisc.edu/~ece734/project/s04/zema...] similar results

# **9.** No Title

Oct 2003

...limitations of the original **JPEG** standard and provide...three passes: (1) **significance propagation**, (2) magnitude refinement...variables and the **significance** information from 8...to get speedup. The **parallelism** can be achieved by... [http://www.ccrc.wustl.edu/~jefritts/papers/spie04\_jpg2...] similar results

# 10. <u>High performance scalable image compression with EBCOT - Image Processing, IEEE Transactions on Oct 2003</u>

...Embedded coding, image compression, **JPEG** 2000, random access, rate-distortion...related advantage of practical **significance** is that the image need not be...is common with the existing **JPEG** compres- sion standard. In EBCOT...meeting of ISO/IEC JTC1/SC29/WG1 (**JPEG** working group) in November 1998...

[http://www.ece.ucdavis.edu/~mihaela/ebcot.pdf] similar results

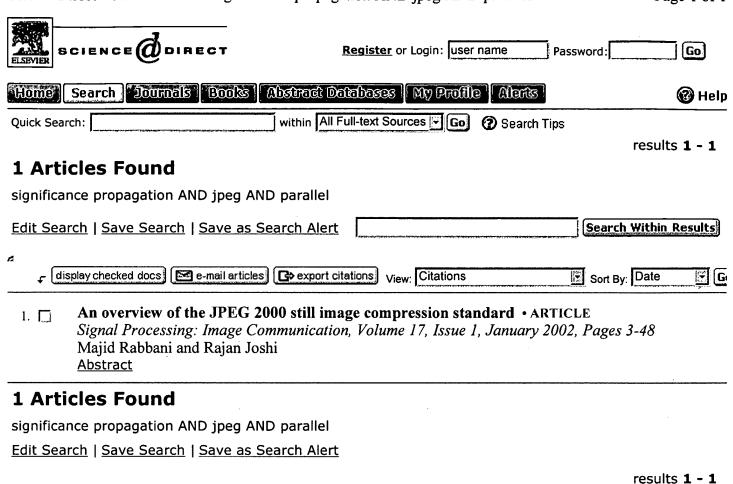
fast :::

**Results Pages:** [<< Prev] 1 <u>2</u> <u>3</u> [Next >>]

back to top

<u>Test Zone</u> | <u>Toolbar</u> | <u>Subscribe to News Updates</u> | <u>User Feedback</u> | <u>Advertising Download Search Box</u> | <u>Tell A Friend</u> | <u>Terms Of Service</u> | <u>Privacy Policy</u> | <u>Legal Powered by FAST</u> © Elsevier 2005

Help



Feedback | Terms & Conditions | Privacy Policy

Home

Copyright © 2005 Elsevier B.V. All rights reserved. ScienceDirect® is a registered trademark of Elsevier B.V.

Search: Journals Books Abstract Databases My Profile Alerts:

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Publications/Services Standards Conferences

Welcome **United States Patent and Trademark Office** 



Help FAQ Terms IEE	QUICK LINKS QUICK LINKS
Welcome to IEEE Xplore  Home What Can I Access? Log-out  Tables of Contents  Journals Magazines  Conference Proceedings	Your search matched 0 of 1138071 documents. A maximum of 500 results are displayed, 15 to a page, sorted by Relevance in Descending order.  Refine This Search: You may refine your search by editing the current search expression or entering a new one in the text box.  significance propagation <and>jpeg<and>parallel  Check to search within this result set</and></and>
O- Standards	Results Key:  JNL = Journal or Magazine CNF = Conference STD = Standard
Search  - By Author - Basic - Advanced - CrossRef	Results: No documents matched your query.
Member Services  Join IEEE  Establish IEEE Web Account  Access the IEEE Member Digital Library  IEEE Enterprise  Access the IEEE Enterprise File Cabinet	

Print Format

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ | Terms | Back to Top

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

**<b>QIEEE** 

Membership Publications/Services Standards Conferences

IEEE Xplore®

RELEASE 1.8

United States Page 1.8

Welcome
United States Patent and Trademark Office



Help FAQ Terms IE	EE Peer Review Quick Links Search	n Re
Welcome to IEEE Xplores  - Home - What Can I Access? - Log-out	Your search matched <b>0</b> of <b>1138071</b> documents. A maximum of <b>500</b> results are displayed, <b>15</b> to a page, sorted by <b>Relevance</b> in <b>Descending</b> order.  Refine This Search:	
Tables of Contents  O- Journals & Magazines	You may refine your search by editing the current search expression or entering new one in the text box.  significance propagation <and>jpeg  Search  Search</and>	a
- Conference Proceedings - Standards	Check to search within this result set  Results Key:  JNL = Journal or Magazine CNF = Conference STD = Standard	
Search  - By Author - Basic - Advanced - CrossRef	Results: No documents matched your query.	
Member Services  - Join IEEE - Establish IEEE - Web Account - Access the - IEEE Member - Digital Library		
O- Access the IEEE Enterprise File Cabinet		

Print Format

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ | Terms | Back to Top

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Membership Publications/Services

Standards Conferences

Welcome **United States Patent and Trademark Office** 



Holp FAO Torms IS	EE Peer Review Quick Links Search
Help FAQ Terms IE  Welcome to IEEE Xplore*	
- Home - What Can I Access? - Log-out	Your search matched 0 of 1138071 documents.  A maximum of 500 results are displayed, 15 to a page, sorted by Relevance in Descending order.  Refine This Search:
Tables of Contents	You may refine your search by editing the current search expression or entering a new one in the text box.
O- Journals & Magazines	significance propagation Search
Conference Proceedings	Check to search within this result set
O- Standards	Results Key:  JNL = Journal or Magazine CNF = Conference STD = Standard
Search	
O- By Author O- Basic O- Advanced O- CrossRef	Results: No documents matched your query.
Member Services	
O- Join IEEE O- Establish IEEE Web Account O- Access the IEEE Member	
Digital Library	
IEEE Enterprise	
O- Access the IEEE Enterprise File Cabinet	

Print Format

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ Terms | Back to Top

Copyright © 2004 IEEE — All rights reserved

# Search Results

□\$B"#□(B Search of Full Paper

Word count: { [ significance: 257 ] [ propagation: 2542 ] :: 3 } [ jpeg: 179 ] [ parallel: 3381 ]

No match.

Search String: "significance propagation" jpeg parallel Next Search

how to search

**SEARCH** 

This search system is powered by Namazu v1.3.0.6

All Rights Reserved, Copyright (c) 1999 The Institute of Electronics, Information and Communication Engineers

# Search Results

□\$B"#□(B Search of Full Paper

Word count: [ significance: 257 ] [ propagation: 2542 ] [ jpeg: 179 ] [ parallel: 3381 ]

No match.

Search String: significance propagation jpeg parallel Next Search

how to search

**SEARCH** 

This search system is powered by Namazu v1.3.0.6

All Rights Reserved, Copyright (c) 1999 The Institute of Electronics, Information and Communication Engineers



Weh **Images** Groups Froogle Local<sup>New!</sup> more » Advanced Search 'magnitude refinement pass" jpeg parallel **Preferences** 

Web

Results 1 - 4 of 4 for "magnitude refinement pass" jpeg parallel "4 bits". (0.10 seconds)

Tip: Try removing quotes from your search to get more results.

#### (PDF) EFFICIENT VLSI IMPLEMENTATION OF BIT PLANE CODER OF JPEG2000

File Format: PDF/Adobe Acrobat - View as HTML ... can be attained with present JPEG, they cannot ... entropy coding of the subbands in parallel. ... passes: Significance Pass (SP), Magnitude Refinement Pass (MRP) and ... enws155.eas.asu.edu:8001/confpapers/spie.pdf - Similar pages

#### [PDF] VLSI Architectures for JPEG2000

File Format: PDF/Adobe Acrobat ... is almost 10 times that of the baseline JPEG decoder when ... can read the 6-bit data from the FIFO in parallel. ... 32 x 4 bits, are used to load and store the three ... doi.wiley.com/10.1002/0471653748.ch9 - Similar pages

## [PDF] Parallel high-speed architecture for ercot in JPEG2000 - Acoustics ...

File Format: PDF/Adobe Acrobat ... is significant, it is coded in magnitude refinement pass (pass 2 ... Architecture Design of EBCOT for JPEG-2000", IEEE ... Efficient Pass-Parallel Architecture for ... ieeexplore.ieee.org/iel5/ 8535/27072/01202408.pdf?arnumber=1202408 - Similar pages

### IPDFI Analysis and architecture design of EBCOT for JPEG-2000 - Circuits ... File Format: PDF/Adobe Acrobat

... see in the run time profile of JPEG-2000 in ... Pass 2 is "Magnitude-Refinement Pass." All significant pixels are coded ... in a column can be parallel checked to ... ieeexplore.ieee.org/iel5/ 7344/19923/00921183.pdf?arnumber=921183 - Similar pages

Free! Google Desktop Search: Search your own computer. Download now.

🖾 emails Find: 🗐 files -总 chats web history

> Search 'magnitude refinement pass" jpe

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

Google Home - Advertising Programs - Business Solutions - About Google

©2005 Google



Web Images Groups News Froogle

ogle Local<sup>New!</sup>

more »

"magnitude refinement pass" JPEG paralle

Search

Web

Results 1 - 18 of about 21 for "magnitude refinement pass" JPEG parallel. (0.29 seconds)

#### [PDF] An Overview of JPEG 2000

File Format: PDF/Adobe Acrobat - View as HTML

... The JPEG-2000 project was motivated by Ricoh's submission of the CREW ... The second pass is the magnitude refinement pass. In this pass, all bits from ...

rii.ricoh.com/~gormish/pdf/dcc2000\_jpeg2000\_note.pdf - Similar pages

## [PDF] An Overview of JPEG-2000

File Format: PDF/Adobe Acrobat - View as HTML

... bitstream syntax, in this paper we describe JPEG-2000 from the point of view of.

encoding. ... The second pass is the magnitude refinement pass. ...

www-spacl.ece.arizona.edu/ Publications/Papers/dcc2000.pdf - Similar pages

## [PDF] Decompression of corrupt JPEG2000 codestreams - Data Compression ...

File Format: PDF/Adobe Acrobat - View as HTML

... The CAUSAL mode was defined by the standard to allow parallel processing of

... clean-up passes can be decoded, one more magnitude refinement pass can ...

www-spacl.ece.arizona.edu/~bilgin/papers/DCC2003\_1.pdf - Similar pages

[ More results from www-spacl.ece.arizona.edu ]

## [PDF] MEMORY EFFICIENT PASS-PARALLEL ARCHITECTURE FOR JPEG2000 ENCODING ...

File Format: PDF/Adobe Acrobat - View as HTML

... the magnitude refinement pass and 15 for the cleanup pass. ... and probability

models, to allow for the parallel coding of. each pass in the bitplane. ...

www.ee.unsw.edu.au/~taubman/ publications\_files/j2k-memory-isspa03.pdf - Similar pages

### [PDF] EFFICIENT VLSI IMPLEMENTATION OF BIT PLANE CODER OF JPEG2000

File Format: PDF/Adobe Acrobat - View as HTML

... with present JPEG, they cannot be achieved in a single bit stream [1]. ...

plane is coded in 3 passes: Significance Pass (SP), Magnitude Refinement Pass ...

enws155.eas.asu.edu:8001/confpapers/spie.pdf - Similar pages

## [PDF] The JPEG 2000 still image compression standard - IEEE Signal ...

File Format: PDF/Adobe Acrobat - View as HTML

... The **JPEG** 2000 standard provides a set of features that are of importance to many high-end and ... The second pass is the **magnitude refinement pass**. ...

www.cis.pku.edu.cn/teacher/ vision/lintong/teaching/TSPM01-J2K.pdf - Similar pages

## [PDF] DSP Implementation of Real-time JPEG2000 Encoder using Overlapped ...

File Format: PDF/Adobe Acrobat - View as HTML

... Experimental results show that our developed Motion-JPEG 2000 DSP ... pass (Pass

1), magnitude refinement pass (Pass 2) and clean up pass. (Pass 3). ...

dali.korea.ac.kr/~charles99/paper/ DSP%20Implementation%20of%20Real-time%20JPEG2000%20Encoder.pdf - Similar pages

## [PDF] PCM2004 High-performance Motion-JPEG2000 Encoder using Overlapped ...

File Format: PDF/Adobe Acrobat - View as HTML

- ... same bit-plane in parallel. Since this scheme depends on a per-block quad-
- ... (Pass 1), magnitude refinement pass (Pass 2) and clean up pass (Pass 3). ...

dali.korea.ac.kr/publication/ int\_jour/paper/IntJour58.pdf - Similar pages

#### [PDF] An Overview of JPEG-2000

File Format: PDF/Adobe Acrobat - View as HTML

... provides a brief history of the JPEG-2000 standardization process, an overview

of the ... The second pass is the magnitude refinement pass. ...

www.stanford.edu/class/ee398/ handouts/papers/Marcellin%20-%20JPEG2000.pdf - Similar pages

## [PDF] High performance scalable image compression with EBCOT - Image ...

File Format: PDF/Adobe Acrobat - View as HTML

... Index Terms—Embedded coding, image compression, **JPEG** ... JPEG2000 has an optional mode to enable **parallel** implemen-. tation of the coding passes within ...

www.ece.ucdavis.edu/~mihaela/ebcot.pdf - Similar pages

## [PDF] Bandwidth Compression (BWC) Guide for JPEG 2000 Visually Lossless ...

File Format: PDF/Adobe Acrobat - View as HTML

... 2.3.3.3.1.2 **Magnitude Refinement Pass** (Annex D.3.3). ... a simple method by which large imagery may be processed in **parallel**. None of the **JPEG** 2000 ... 164.214.2.51/ntb/baseline/docs/bwcj2k/J2K\_Guide\_WD1.pdf - Similar pages

#### [PDF] VLSI Architectures for JPEG2000

File Format: PDF/Adobe Acrobat

... attained by the JPEG standard, they cannot be attained by. a. single unified

... (SPP) and magnitude refinement pass (MRP). In the pass-parallel coding ... doi.wiley.com/10.1002/0471653748.ch9 - Similar pages

## [PDF] Analysis and architecture design of EBCOT for JPEG-2000 - Circuits ...

File Format: PDF/Adobe Acrobat

... JPEG-2000 in Table I, the great part of computation load is on tier- ... coding, pixels in a column can be **parallel** checked to see if they ...

ieeexplore.ieee.org/iel5/ 7344/19923/00921183.pdf?arnumber=921183 - <u>Similar pages</u>

## [PDF] LNCS 3296 - DSP Implementation of Real-Time JPEG2000 Encoder Using ...

File Format: PDF/Adobe Acrobat

... developed Motion-JPEG 2000 DSP system meets the common require- ... (Pass 1), magnitude refinement pass (Pass 2) and clean up pass (Pass 3). In con- ...

www.springerlink.com/index/DYHGEU896M6YNX3W.pdf - <u>Similar pages</u>

# [PDF] Advances in Hardware Architectures for Image and Video Coding—A Survey

File Format: PDF/Adobe Acrobat - View as HTML

... (Pass1), magnitude refinement pass (Pass2), and cleanup ... Comparison of JPEG 2000 Architecture Parameters. Based on parallel EBCOT Tier-1 architecture ...

www.cecs.pdx.edu/~strom/ece588\_web/ reading/iprc\_hardware\_video.pdf - <u>Similar pages</u>

## [PDF] JPEG2000: an Overview I Introduction

File Format: PDF/Adobe Acrobat - View as HTML

... JPEG at 0.125bpp ... memory consumption in hardware implementations • Parallel implementation then ... subsequent bit-planes o Magnitude refinement pass ° All bits ... ee.tamu.edu/~pengxu/Research/JPEG2000Overview.pdf - Supplemental Result - Similar pages

## [PDF] JPEG 2000 IMAGE CODING SYSTEM: COMFORMANCE TESTING

File Format: PDF/Adobe Acrobat - View as HTML

... levels required to be compliant with a **JPEG** 2000 codestream ... three types of coding passes: significance propagation pass, **magnitude refinement pass** and cleanup ... www.itscj.ipsj.or.jp/sc29/open/29view/29n4306t.pdf - Supplemental Result - <u>Similar pages</u>

#### [PDF] 目錄

File Format: PDF/Adobe Acrobat

- ... ROI (Region-of-Interest)、Error Resilience 等,因而被JPEG 2000 (ISO 15444)
- ... significant propagation pass, magnitude refinement pass,以及cleanup pass...
  etd.lib.nsysu.edu.tw/ETD-db/ETD-search/ getfile?URN=etd-0726101-174000&filename=etd-0726101-174000.pdf Similar pages

In order to show you the most relevant results, we have omitted some entries very similar to the 18 already displayed.

If you like, you can repeat the search with the omitted results included.

Free! Google Desktop Search: Search your own computer. Download now.

Find: ☑ emails - 圓 files - & chats - ❷ web history - ♪ media - ₺ PDF

"magnitude refinement pass" JPE Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

Google Home - Advertising Programs - Business Solutions - About Google

©2005 Google



 Web
 Images
 Groups
 News
 Froogle
 Local New!
 more »

 "magnitude refinement pass" JPEG parallel
 Search
 Advanced Search Preferences

Web

Results 1 - 2 of 2 for "magnitude refinement pass" JPEG parallel "four bits". (0.22 seconds)

Tip: Try removing quotes from your search to get more results.

[PDF] The JPEG 2000 still image compression standard - IEEE Signal ... File Format: PDF/Adobe Acrobat - View as HTML ... The JPEG 2000 standard provides a set of features that, are of importance to many high-end and ... The second pass is the magnitude refinement pass. ... www.cis.pku.edu.cn/teacher/ vision/lintong/teaching/TSPM01-J2K.pdf - Similar pages

### [PDF] VLSI Architectures for JPEG2000

File Format: PDF/Adobe Acrobat ... attained by the **JPEG** standard, they cannot be attained by a. single unified ... (SPP) and **magnitude refinement pass** (MRP). In the pass-**parallel** coding ... doi.wiley.com/10.1002/0471653748.ch9 - Similar pages

Free! Google Desktop Search: Search your own computer. Download now.

"magnitude refinement pass" JPE Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

Google Home - Advertising Programs - Business Solutions - About Google

©2005 Google



 Web
 Images
 Groups
 News
 Froogle
 Local New!
 more »

 "magnitude refinement pass" JPEG parallel
 Search
 Advanced Search Preferences

Web

Results 1 - 3 of 3 for "magnitude refinement pass" JPEG parallel "4 bits". (0.20 seconds)

Tip: Try removing quotes from your search to get more results.

#### [PDF] EFFICIENT VLSI IMPLEMENTATION OF BIT PLANE CODER OF JPEG2000

File Format: PDF/Adobe Acrobat - <u>View as HTML</u> ... with present **JPEG**, they cannot be achieved in a single bit stream [1]. ... plane is coded in 3 passes: Significance Pass (SP), **Magnitude Refinement Pass** ... enws155.eas.asu.edu:8001/confpapers/spie.pdf - <u>Similar pages</u>

### [PDF] VLSI Architectures for JPEG2000

File Format: PDF/Adobe Acrobat ... 4 bits, are used to load and store the three state variables ... (SPP) and magnitude refinement pass (MRP). In the pass-parallel coding ... doi.wiley.com/10.1002/0471653748.ch9 - Similar pages

## [PDF] Analysis and architecture design of EBCOT for JPEG-2000 - Circuits ...

File Format: PDF/Adobe Acrobat ... JPEG-2000 in Table I, the great part of computation load is on tier- ... Every column is composed of 4 bits. So the scanning hierarchy of a ... ieeexplore.ieee.org/iel5/ 7344/19923/00921183.pdf?arnumber=921183 - Similar pages

Free! Google Desktop Search: Search your own computer. Download now.

Find: ☑ emails - ☐ files - & chats - ❷ web history - ♪ media - ☑ PDF

"magnitude refinement pass" JPE Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

Google Home - Advertising Programs - Business Solutions - About Google

©2005 Google

Yahoo! My Yahoo! Mail Welcome, Guest [Sign In]

Search Home Help

YA	HO	<b>)[</b> s	EARCH
----	----	-------------	-------

Web Images Video Directory Local News Products "magnitude refinement pass" JPEG parallel Search

> **Shortcuts Advanced Search**

Preferences

Search Results

Results 1 - 5 of about 5 for magnitude refinement pass jpeg parallel - 0.47 sec. (About this p

- 1. <a href="http://yun.ece.uci.edu/ImageProcessing/EBCOT-1.doc">http://yun.ece.uci.edu/ImageProcessing/EBCOT-1.doc</a> (MICROSOFT WORD) <sup>电</sup> ... context modeling, EBCOT, entropy coding, JPEG 2000, lossy compression, pass parallel ... are: significance p yun.ece.uci.edu/ImageProcessing/EBCOT-1.doc - 1817k - View as html - More from this site
- 2. <a href="http://www.utdallas.edu/~mig022000/JPEG/presentation.ppt">http://www.utdallas.edu/~mig022000/JPEG/presentation.ppt</a> (MICROSOFT POWERPOINT) <sup>电</sup> ... Block diagram of the JPEG 2000 encoder (a) and decoder ... or decompression engine. Allow for parallel imple www.utdallas.edu/~mjg022000/JPEG/presentation.ppt - 1582k - View as html - More from this site
- 3. <a href="http://www.dtek.chalmers.se/~jemil/algo-fk/source/jj2000/j2k/entropy/encoder/StdEntropyCode">http://www.dtek.chalmers.se/~jemil/algo-fk/source/jj2000/j2k/entropy/encoder/StdEntropyCode</a> Those intending to use \* this software module in hardware or software products are advised that \* their use may it entropy coded in parallel. The interface \* presented ... npass++; // Do the magnitude refinement pass // We terr dtek.chalmers.se/~jemil/algo\_fk/source/jj2000/j2k/entropy/encoder/... - 160k - Cached - More from this site
- 4. HIGH PERFORMANCE WAVELET-BASED STEREO IMAGE CODING (PDF) 电 ... are taken by two. parallel cameras simultaneously. And by projecting ... JPEG2000 [7], outperforms JPEG in te research.microsoft.com/asia/.../group/imedia/2002p/stereo\_iscas02.pdf - 287k - View as html - More from this site
- 5. Nimrod Peleg Nov. 2001 (PDF) 电 ... JPEG 2000: March 1997: JTC 1.29.14 (ISO/IEC ... - error resilience. - parallel computations ... - All other coe cs.haifa.ac.il/~nimrod/Compression/Wavelets/w6jpeg2k-1.pdf - 682k - View as html - More from this site

	Web	<u>Images</u>	<u>Video</u>	<u>Directory</u>	Local	<u>News</u>	<u>Products</u>	
Your Search:	"mag	nitude refir	nement p	pass" JPEG	parallel			Search

Help us improve your search experience. Send us feedback.

Yahoo! My Yahoo! Mail Welcome, Guest [Sign In] Search Home Help

_	Web	<u>Images</u>	<u>Video</u>				<u>Products</u>
YAHOO! SEARCH	"magr	nitude refir	nement p	ass" JPEG	parallel	"4 bits"	Search

**Shortcuts** 

**Advanced Search** 

**Preferences** 

Search Results

Results 1 - 1 of about 1 for magnitude refinement pass jpeg parallel 4 bits - 0.36 sec. (Abou

1. <a href="http://www.dtek.chalmers.se/~jemil/algo-fk/source/jj2000/j2k/entropy/encoder/StdEntropyCode">http://www.dtek.chalmers.se/~jemil/algo-fk/source/jj2000/j2k/entropy/encoder/StdEntropyCode</a> Those intending to use \* this software module in hardware or software products are advised that \* their use may it dtek.chalmers.se/~jemil/algo\_fk/source/jj2000/j2k/entropy/encoder/... - 160k - Cached - More from this site

Web | Images | Video | Directory | Local | News | Products Your Search: "magnitude refinement pass" JPEG parallel "4 bits" Search

Help us improve your search experience. Send us feedback.

Yahoo! My Yahoo! Mail Welcome, Guest [Sign In] Search Home Help

Images <u>Video</u> | <u>Directory</u> | <u>Local</u> | <u>News</u> **Products** TAHOO! SEARCH "magnitude refinement pass" JPEG parallel "four bits" Search

**Shortcuts** 

**Advanced Search** 

**Preferences** 

**Search Results** 

Results 1 - 1 of about 1 for magnitude refinement pass jpeg parallel four bits - 0.71 sec. (Al

1. Nimrod Peleg Nov. 2001 (PDF) <sup>电</sup>

... JPEG 2000: March 1997: JTC 1.29.14 (ISO/IEC ... - error resilience. - parallel computations ... the top left, the cs.haifa.ac.il/~nimrod/Compression/Wavelets/w6jpeg2k-1.pdf - 682k - View as html - More from this site

Web Images Video Directory Local News Products Your Search: "magnitude refinement pass" JPEG parallel "four bits" Search

Help us improve your search experience. Send us feedback.



SGIOS -	earch) ▽	Pop-up Blocker OF	

About Us Newsroom

Advisory Board

Submit Web Site

Search Tips

Contact Us

**Basic Search** 

Advanced Search Preferences

		"magnitude re	efinement pas	s" JPEG parallel		Search
		All journal s	ources 🗹 All W	/eb sources 🔲 Exac	t phrase	
Sea	arched for::	All of the wor	ds:" <b>magnitude</b>	refinement pass" A	AND <b>JPEG</b> AND	parallel
	Found::	:20 total   <u>2</u>	journal result	s   <u>18 Web results</u>		
	Sort by::	:relevance	date			
1.		ked results	Email checke	ed results -	Signal	Refine your search using these keywords
	Processing	Magazine	•			found in the results:
	Apr 2003 The <b>JPEG</b>	2000 Still Ima	ige Compressi	on Standard Athai	nassios	binary arithmetic clock cycle
				effort has been kno		code block
	the Joint P	<u>decoder</u>				
	more hits	d don betwe	cen fro and is	50 see		error resilience
			as.edu/~mjg0	22000/overview/o	overview_1	.] <u>image compression</u>
	similar res	<u>ults</u>				non zero
2.		s-Parallel Con	text Modeling	Architecture for J	PEG2000	quantization
	Apr 2003	soding IDEC	2000 loon o			scan pattern
				ompression, pass efinement (Pass		<u>wavelet</u>
				aneprevious <b>pas</b>		Or refine using:
			<b>ment</b> state va	riable4.1. Pass	-Parallel	All of the words
	Context Mo	_	un ece uci edi	u/ImageProcessing	/ERCOT-	
	1.doc]	<u>10111</u> [11ccp.//y	an.ece.acn.ea	u/ Imager rocessing	J/ LBCO 1 -	refine
	similar res	<u>ults</u>				**IICIIIIC*
3.	block trans Choi, B.D. Real-Time	ferring and pa / Choi, K.S. Imaging, Oct	arallel-pass m / Hwang, M 2004	.C. / Cho, J.k. / I	Ko, SJ.,	<u>1</u>
	forbit-pla	ane in <b>paralle</b>	l. Experiment	inga parallel-pa alcompared to J pass architecture	<b>PEG</b> [1]. It	

☐ 4. EBCOT Coding

Nov 2003

similar results

magnitude refinement pass (Pass...

Full text article available from SCIENCE @DIRECT

...others, block coding is in particular suitable for **parallel** implementations, in which more units process code-blocks...bit-plane The steps are: § Significance Propagation **Pass** § **Magnitude** 

Refinement Pass § Cleanup Pass The same steps are used more hits from [http://www.jpeg.org/.demo/FAQJpeg2k/EBCOTcoding.htm] similar results 5. Embedded block coding in JPEG 2000 Taubman, D. / Ordentlich, E. / Weinberger, M. / Seroussi, G., Signal Processing: Image Communication, Jan 2002 ...are visited. 4.2 Magnitude refinement pass In the second pass...the fact that the magnitude refinement pass is best performed...cleanup pass in JPEG 2000. To see this...since delaying the magnitude refinement pass ensures that more... Full text article available from \*CIBNCE @DIRECT similar results 6. Microsoft Word - paper.doc Jan 2004 1 An Overview of JPEG-2000 Michael W. Marcellin1...that enables successive **refinement**. This is accomplished...decoding, and to facilitate parallel implementation. WTCQ...several meetings, with refinements contributed by many...analogous to the current JPEG standard [15]. When... more hits from [http://www.ece.arizona.edu/~bilgin/papers/DCC2000.pdf] similar results 7. dcc2000.PDF Apr 2000 ...coding and JPEG with arithmetic...The second pass is the magnitude refinement pass. In...clean-up pass because there...significant, or refinement bits. Table...sign and magnitude refinement bits are...Value Coding Pass 10 1 3 -7... [http://www-spacl.ece.arizona.edu/Publications/Papers/d...] similar results 8. Exploration of Decimal Arithmetic May 2004 ...Final Project JPEG 2000 Overview...Propagation Pass Magnitude Refinement Pass Clean-up...neighborhood Magnitude **Refinement Pass** Codes bits that...allowing for each **pass** to progress...own pace in parallel with use of... [http://homepages.cae.wisc.edu/~ece734/project/s04/zema...] similar results 9. Microsoft Word - JPEG2000 Overview.doc Dec 2002 ...Lossy Lossless JPEG 4-12 Bit Image 2-10:1 Lossless JPEG-LS 4-12 Bit Image...implementations · Parallel implementation...represented in sign-magnitude form · Leading...Significance propagation pass o A bit is coded...bit-planes o Magnitude refinement pass o All bits... [http://ee.tamu.edu/~pengxu/Research/JPEG2000Overview.p...] similar results 10. High performance scalable image compression with EBCOT - Image Processing, IEEE Transactions on Oct 2003 ...coding, image compression, JPEG 2000, random access...the relevant quality refinement of only those subbands...common with the existing JPEG compres- sion standard...HL (horizontally highpass) subband, however, we...denote the quan-tized magnitude, i.e., where is the step-size...

"magnitude refinement pass" JPEG parallel results on scirus.com, for scientific information

Page 3 of 3

[http://www.ece.ucdavis.edu/~mihaela/ebcot.pdf] <a href="mailto:similar results">similar results</a>

fast :::

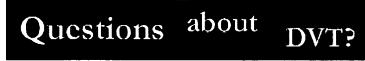
Results Pages: [<< Prev] 1 2 [Next >>]

back to top

<u>Test Zone</u> | <u>Toolbar</u> | <u>Subscribe to News Updates</u> | <u>User Feedback</u> | <u>Advertising Download Search Box</u> | <u>Tell A Friend</u> | <u>Terms Of Service</u> | <u>Privacy Policy</u> | <u>Legal</u>

Powered by FAST © Elsevier 2005





THEODERECTES

About Us

Newsroom

Advisory Board

Submit Web Site

Search Tips

Contact Us

**Basic Search** 

Advanced Search Search Preferences

"magnitude refinement pass" JPEG parallel "4bits"

Search

✓ All yournal sources ✓ All Web sources ◯ Exact phrase

Sorry, your search has not produced any results. Before searching again, using the same or similar keywords, you may find it helpful to:

- check the selected sources, information types and subject areas, the selection may not contain results matching your query
- check the spelling of all words
- spell words in a different way, for example using American spelling
- write abbreviations and acronyms in full
- use alternative words that have the same meaning
- search using fewer or more general words

<u>Test Zone | Toolbar | Subscribe to News Updates | User Feedback | Advertising Download Search Box | Tell A Friend | Terms Of Service | Privacy Policy | Legal</u>

Powered by FAST © Elsevier 2005





About Us

Newsroom

Advisory Board

Submit Web Site

Search Tips

Contact Us

**Basic Search** 

**Advanced Search Search Preferences** 

	-						
	"	magnitude refir	nement pass" JPE	G parallel "4 bits"		gestigi)	
		All journal sou	rces 🗹 All Web sou	urces			
Sear	ched for::	All of the words	:"magnitude refine	ement pass" AND JPEG	AND	parallel AND "4 bits"	
	Found::	:5 total   0 jou	ırnal results   <u>5 W</u>	eb results			
	Sort by::	:relevance   <u>da</u>	<u>ate</u>				
	Save che	cked results	Email checked re	sults		Or refine using:	
1.	par ebcot	<u>dvi</u>				All of the words	Ŧ
	indicates. pass and orderfro indicated. bitplanes. more hits	follows. First, HVD datacod om 0 to <b>4</b> , wher reduced to <b>4</b> 	pass and HVD dading and magnitum codingthe codbits. 10 FIFOst	here are 10 <b>magnit</b> u	ıde	refine	
	similar res		.edu/ImageProces	ssing/honchi_apccas.	p]		
2.	grosbois E Jul 2002 1<< Refineme lookuplt the currer refineme more hits	; <b>4</b> )-1number ent lookup table ;MR_LUT_BITS ntotherwise is ent has already.	of <b>bits</b> used for e <b>Magnitude R</b> ( <b>s</b> 46, 3, <b>4</b> , 0, 0, <b>s</b> 0). <b>Bits</b> 12 to 9 <b>Bits</b> 7 to <b>4</b> stor	efinement context 0propagation pass storethe magnitude the the	de		
	similar res		rg/Jpeg2000guide	e/software/jj2000/jj2	0]		
3.	refineme reduce the specified specified	than 4 and no ent (MR). This in ePerforms the complete	e magnitude ref magnitude refin	for magnitude- and per coding pass, inement pass on th ement pass on the ware/jj2000/jj20]			
4.	CSVT-01-				•		

...is called "Magnitude- Refinement Pass." Samples...the two

bits that are...Magnitude bits MSB LSB 0...coding the

magnitude part from...Code-Block Width 4 Samples Fig...in every pass. in JPEG 2000 [3...for three 4 Pass3 Pass2...map of the bits in a sample...for each pass, although...block with N magnitude bit-planes...

[http://yun.ece.uci.edu/ImageProcessing/cjlian\_csvt.pdf] similar results

**5.** No Title Apr 2003

...Pass (SP), Magnitude Refinement Pass (MRP) and...strips of 4 elements...information bits and 1 magnitude...data. The 4 state information bits are as follows...whenever the magnitude bit of the...coded in a pass. Magnitude refinement coded bit...for the magnitude bits and 4 corresponding...the coding pass. The architecture...

[http://yun.ece.uci.edu/ImageProcessing/spie.pdf] similar results

fast :::

<u>Test Zone | Toolbar | Subscribe to News Updates | User Feedback | Advertising Download Search Box | Tell A Friend | Terms Of Service | Privacy Policy | Legal</u>

Powered by FAST © Elsevier 2005



About Us

Newsroom

Advisory Board

Submit Web Site

Search Tips

Contact Us

Or refine using:

All of the words

refine

**Basic Search** 

Advanced Search Preferences

"magnitude refinement pass" JPEG parallel "four bits" Search

✓ All journal sources ✓ All Web sources ☐ Exact phrase

Searched for:: All of the words: "magnitude refinement pass" AND JPEG AND parallel AND "four bits"

Found:: :2 total | 0 journal results | 2 Web results

Sort by:: :relevance | date

Save checked results Email checked results

1. The JPEG 2000 still image compression standard - IEEE Signal Processing Magazine

Apr 2003

The **JPEG** 2000 Still Image Compression Standard Athanassios Skodras...and color still images. This effort has been known as **JPEG**, the Joint Photographic Experts Group. (The "joint" in **JPEG** refers to the collaboration between ITU and ISO see... [http://www.utdallas.edu/~mjg022000/overview/overview\_1...] similar results

**2.** CSVT-01-11-5.dvi

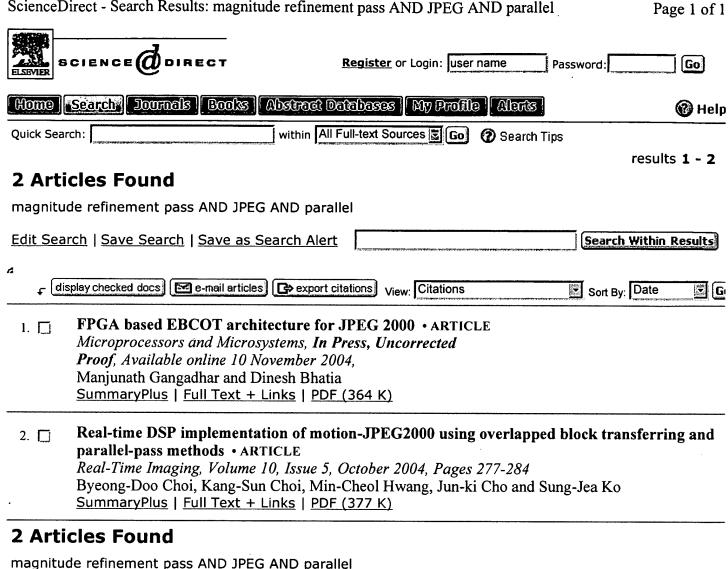
Apr 2003

...is called "Magnitude- Refinement Pass." Samples...the two bits that are...bors using four coding primitives...Magnitude bits MSB LSB 0...coding the magnitude part from...in every pass. in JPEG 2000 [3...Among the four coding primitives...the third pass. ZC and MR...when the four bits in a column... [http://yun.ece.uci.edu/ImageProcessing/cjlian\_csvt.pdf] similar results

fast 🖽

<u>Test Zone | Toolbar | Subscribe to News Updates | User Feedback | Advertising Download Search Box | Tell A Friend | Terms Of Service | Privacy Policy | Legal</u>

Powered by FAST © Elsevier 2005



magnitude refinement pass AND JPEG AND parallel

Edit Search | Save Search | Save as Search Alert

Home Search Journals Books Abstract Databases My Profile Alerts results 1 - 2

🕜 Help

Feedback | Terms & Conditions | Privacy Policy

Copyright © 2005 Elsevier B.V. All rights reserved. ScienceDirect® is a registered trademark of Elsevier B.V.

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Publications/Services Standards Conferences

Welcome United States Patent and Trademark Office



	RELEASE 1.8And G
Help FAQ Ter	ms IEEE Peer Review Quick Links Search F
Welcome to IEEE	Xplore <sup>2</sup>
O- Home O- What Can I Access?	
O- Log-out	Refine This Search:
Tables of Conten	You may refine your search by editing the current search expression or entering a new one in the text box.
O- Journals & Magazi	magnitude refinement pass <and>parallel</and>
Conference Proceedir	Check to search within this result set
O- Standard	·
Search	
O- By Author O- Basic O- Advanced O- CrossRef	Results: No documents matched your query.
Member Services	
O- Join IEEE O- Establish Web Acco	IEEE
O Access the IEEE Mem Digital Lit	nber
TEEE Enterprise	
O- Access the IEEE Enter File Cabin	rprise

Print Format

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ | Terms | Back to Top

Copyright © 2004 IEEE - All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Standards Conferences **Publications/Services** 

Welcome **United States Patent and Trademark Office** 



Help FAQ Terms	EEE Peer Review Quick Links Search R
Welcome to IEEE Xplor  - Home - What Can I Access? - Log-out	Your search matched 0 of 1138071 documents.  A maximum of 500 results are displayed, 15 to a page, sorted by Relevance in Descending order.  Refine This Search:
Tables of Contents  Journals & Magazines  Conference Proceedings  Standards	You may refine your search by editing the current search expression or entering a new one in the text box.    magnitude refinement <and>parallel   Search     Check to search within this result set    Results Key:   JNL = Journal or Magazine   CNF = Conference   STD = Standard</and>
Search  - By Author - Basic - Advanced - CrossRef	Results: No documents matched your query.
Member Services  Join IEEE Establish IEEE Web Account Access the IEEE Member Digital Library  IEEE Enterprise Access the IEEE Enterprise File Cabinet	

Print Format

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join | IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help. FAQ| Terms | Back to Top

Copyright © 2004 IEEE - All rights reserved

## Search Results

## □\$B"#□(B Search of Full Paper

Word count: { [ magnitude: 1095 ] [ refinement: 206 ] [ pass: 1425 ] :: 0 } [ JPEG: 179 ] { [ 4: 9746 ] [ bits: 1716 ] :: 82 } [ parallel: 3381 ]

No match.

Search String: "magnitude refinement pass" JPEG "4 bits Search &

how to search

**SEARCH** 

This search system is powered by Namazu v1.3.0.6

All Rights Reserved, Copyright (c) 1999 The Institute of Electronics, Information and Communication Engineers

## Search Results

# □\$B"#□(B Search of Full Paper

Word count: [magnitude: 1095] [refinement: 206] [pass: 1425] [JPEG: 179] [parallel: 3381]

## Total 1 documents match your query.

Vol.No. pp.x-x	Туре	Category	Title	Author	-	•
Vol.E86-B No.6 pp.1740-1753			Decentralized Meta-Data Strategies: Effective Peer-to-Peer Search	Sam JOSEPH Takashige HOSHIAI		Abs

Current List: 1 - 1

**Page:** [1]

Search String: magnitude refinement pass JPEG parallel Next Search

how to search

### **SEARCH**

This search system is powered by Namazu v1.3.0.6

All Rights Reserved, Copyright (c) 1999 The Institute of Electronics, Information and Communication Engineers



Web Images Groups

'cleanup pass" JPEG parallel

s News

Froogle Local New!

more » Advanced Search

**Preferences** 

Web

Results 1 - 23 of about 26 for "cleanup pass" JPEG parallel. (0.50 seconds)

Search

## [PDF] MEMORY EFFICIENT PASS-PARALLEL ARCHITECTURE FOR JPEG2000 ENCODING ...

File Format: PDF/Adobe Acrobat - View as HTML

... the magnitude refinement pass and 15 for the cleanup pass. ... and probability models, to allow for the parallel coding of. each pass in the bitplane. ...

www.ee.unsw.edu.au/~taubman/ publications files/j2k-memory-isspa03.pdf - Similar pages

## [PDF] High Speed VLSI Architecture for Bit Plane Encoder of JPEG2000

File Format: PDF/Adobe Acrobat - View as HTML

... Pass (MR); and the Cleanup Pass (CP). A significance ... like multiple column skipping [3] and parallel context mod-. elling [6]. ...

www.ee.unsw.edu.au/~taubman/ publications\_files/j2k-vlsi-mwscas04.pdf - Similar pages

## [PDF] The JPEG 2000 still image compression standard - IEEE Signal ...

File Format: PDF/Adobe Acrobat - View as HTML

... The **JPEG** 2000 standard provides a set of features that ... **cleanup pass** not only uses the neighbor context, like that. of the significance propagation ... www.cis.pku.edu.cn/teacher/ vision/lintong/teaching/TSPM01-J2K.pdf - Similar pages

## [PDF] Embedded Wavelet-Based Image Compression: State of the Art

File Format: PDF/Adobe Acrobat

... Beispiel im neuen **JPEG**-2000 Standard zum Einsatz kom- ... **Parallel** Computing, des SFB 614 "Selbstoptimierende Sys-. teme des Maschinenbaus" und der NRW ... www.extenza-eps.com/extenza/loadPDF?objectIDValue=22708 - <u>Similar pages</u>

## [PDF] Bandwidth Compression (BWC) Guide for JPEG 2000 Visually Lossless ...

File Format: PDF/Adobe Acrobat - View as HTML

... bit plane of each code-block is always encoded with just a **cleanup pass**. ... by which large imagery may be processed in **parallel**. None of the **JPEG** 2000 ... 164.214.2.51/ntb/baseline/docs/bwcj2k/J2K\_Guide\_WD1.pdf - Similar pages

#### Milestones for 2004

... 11/22/04 Differences doc submitted to istweb team for final cleanup pass. ... 6/9/04 Reported issue in Evolution display of progressive jpeg files. ... web.mit.edu/wdc/www/2004\_milestones.html - 28k - Cached - Similar pages

#### Audio/Video Transport (avt) Charter

... but the authors did not have time to complete a "wording cleanup" pass they ... In parallel with the document preparation, a reference implementation of ...

www.ietf.org/proceedings/02nov/212.htm - 60k - Cached - Similar pages

## [PDF] PII: S0923-5965(01)00024-8

File Format: PDF/Adobe Acrobat - View as HTML

... similar in principle to that of **JPEG**, but it has a. few important differences to satisfy some of ... the arithmetic coder at the end of the **cleanup pass** ... www.csd.uch.gr/~hy471/bibliography/jpeg2000.pdf - <u>Similar pages</u>

#### (PDF) EFFICIENT VLSI IMPLEMENTATION OF BIT PLANE CODER OF JPEG2000

File Format: PDF/Adobe Acrobat - View as HTML

... with present JPEG, they cannot be achieved in a single bit stream [1]. ...

The first bit plane is coded just with the cleanup pass (CP). ...

enws155.eas.asu.edu:8001/confpapers/spie.pdf - Similar pages

## [PDF] Parallel high-speed architecture for ercot in JPEG2000 - Acoustics ...

File Format: PDF/Adobe Acrobat

... proposed, which based on the parallel mode in JPEG2000: It, discovers the parallelism among ... bits are coded in cleanup pass (pass 3) that is based ...

ieeexplore.ieee.org/iel5/ 8535/27072/01202408.pdf?arnumber=1202408 - Similar pages

## IPDFI Efficient Rate Control for JPEG2000 Image Coding

File Format: PDF/Adobe Acrobat

... image quality superior to existing standards such as JPEG [4]. ... nificance pass, refinement pass and cleanup pass by using co- ...

ieeexplore.ieee.org/iel5/ 76/30399/01397776.pdf?arnumber=1397776 - Similar pages

[ More results from ieeexplore.ieee.org ]

## [PDF] Reversible Integer-to-Integer Wavelet Transforms for Image Coding

File Format: PDF/Adobe Acrobat - View as HTML

... In addition to this work, the JPEG-2000 image compression standard is ... interesting parallel of arguably greater literary relevance can be drawn ...

www.ece.uvic.ca/~mdadams/papers/phdthesis.pdf - Similar pages

## [PDF] VLSI Architectures for JPEG2000

File Format: PDF/Adobe Acrobat

... attained by the JPEG standard, they cannot be attained by. a. single unified

... In this algorithm, the coding operation in cleanup pass (CUP) ...

doi.wiley.com/10.1002/0471653748.ch9 - Similar pages

# [PDF] DRP-1上へのJPEG2000の離散ウェーブレット変換器と算術符号器の実装

File Format: PDF/Adobe Acrobat - View as HTML

... to the former JPEG standard. The use of Wavelet transformation and arithmetic

... DRP, Dynamic Reconfiguration, Parallel Processing, DWT, MQ-Coder, ...

www.am.ics.keio.ac.jp/proj/ wasmii/papers/deguchi reconf 2004.pdf - Similar pages

#### [PDF] 目錄

File Format: PDF/Adobe Acrobat

... ROI (Region-of-Interest)、Error Resilience 等,因而被JPEG 2000 (ISO 15444)

... significant propagation pass, magnitude refinement pass, 以及cleanup pass ...

etd.lib.nsysu.edu.tw/ETD-db/ETD-search/ getfile?URN=etd-0726101-174000&filename=etd-0726101-174000.pdf -Similar pages

#### XML Schema Part 1: Structures

... that directly parallel those used to reference a schema from an instance document.

... author: aqw; state: Exp; lines: +53 -56 cleanup pass, down to 3.3 ...

www.w3.org/TR/2000/WD-xmlschema-1-20000225/ - 380k - Cached - Similar pages

#### XML Schema Part 1: Structures

... Moving towards a parallel syntax for elementDecl/Ref and groupDefn/Ref. ... author: agw; state: Exp; lines: +53 -56 cleanup pass, down to 3.3 ... www.w3.org/TR/1999/WD-xmlschema-1-19991105/ - 265k - Cached - Similar pages

### 2000-06-25 Fatih Demir <kabalak@gmx.net> \* configure.in: Applied ...

... Fix dependencies to make parallel make on MP machines work. ... src/nautilus-property-browser.c: Did a cleanup pass on the entire file. ... cvs.gnome.org/viewcvs/ nautilus/ChangeLog-20000625?rev=1.4 - 513k - Cached - Similar pages

#### [РРТ] CSci6702 Parallel Computing

File Format: Microsoft Powerpoint 97 - View as HTML

... No synchronization required. Parallel JPEG2000. ... Sections. Image Compression Introduction.

JPEG Compression (DCT-Based). ... Refinement Pass. Cleanup Pass. ...

www.scs.carleton.ca/~ybao/Slide Presentation.ppt - Supplemental Result - Similar pages

#### [PDF] — JPEG2000 PARALLEL IMPLEMENTATION —

File Format: PDF/Adobe Acrobat - View as HTML

... 2. We will introduce the basic idea of image compression, DCT-based JPEG coding, image processing using wavelet, parallel wavelet and JPEG2000 standard. ... www.scs.carleton.ca/~ybao/Final Paper.pdf - Supplemental Result - Similar pages

## [PDF] JPEG 2000 IMAGE CODING SYSTEM: COMFORMANCE TESTING

File Format: PDF/Adobe Acrobat - View as HTML

... define guaranteed performance levels required to be compliant with a JPEG 2000 codestream ... 3.12 cleanup pass: A coding pass performed on a single bit-plane of a ... www.itscj.ipsj.or.jp/sc29/open/29view/29n4306t.pdf - Supplemental Result - Similar pages

## [PDF] JPEG 2000 IMAGE CODING SYSTEM: COMFORMANCE TESTING

File Format: PDF/Adobe Acrobat - View as HTML

... that define guaranteed performance levels required to be compliant with a JPEG 2000 bit ... 3.13 cleanup pass: A coding pass performed on a single bit-plane of a ... www.itscj.ipsj.or.jp/sc29/open/29view/29n4280t.pdf - Supplemental Result - Similar pages

## [PDF] JPEG2000: an Overview I Introduction

File Format: PDF/Adobe Acrobat - View as HTML

... consumption in hardware implementations • Parallel implementation then ... is also employed in the cleanup pass The final ... factor of 1.9 of JPEG2000 versus JPEG. ... ee.tamu.edu/~pengxu/Research/JPEG2000Overview.pdf - Supplemental Result - Similar pages

In order to show you the most relevant results, we have omitted some entries very similar to the 23 already displayed.

If you like, you can repeat the search with the omitted results included.

Free! Google Desktop Search: Search your own computer. Download now.

Find: ☑ emails - ☐ files - & chats - ② web history - J media - ☑ PDF
--

"cleanup pass" JPEG parallel Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

Google Home - Advertising Programs - Business Solutions - About Google

©2005 Google



 Web
 Images
 Groups
 News
 Froogle
 Local New!
 more »

 "cleanup pass" JPEG parallel "4 bits"
 Search
 Advanced Search Preferences

Web

Results 1 - 3 of 3 for "cleanup pass" JPEG parallel "4 bits". (0.41 seconds)

Tip: Try removing quotes from your search to get more results.

#### [PDF] EFFICIENT VLSI IMPLEMENTATION OF BIT PLANE CODER OF JPEG2000

File Format: PDF/Adobe Acrobat - View as HTML

... with present JPEG, they cannot be achieved in a single bit stream [1]. ...

The first bit plane is coded just with the cleanup pass (CP). ...

enws155.eas.asu.edu:8001/confpapers/spie.pdf - Similar pages

### [PDF] VLSI Architectures for JPEG2000

File Format: PDF/Adobe Acrobat

... 4 bits, are used to load and store the three state variables ... In this algorithm, the coding operation in cleanup pass (CUP) ...

doi.wiley.com/10.1002/0471653748.ch9 - <u>Similar pages</u>

### [PDF] Parallel high-speed architecture for ercot in JPEG2000 - Acoustics ...

File Format: PDF/Adobe Acrobat

... proposed, which based on the **parallel** mode in JPEG2000: It. discovers the parallelism among ... bits are coded in **cleanup pass** (pass 3) that is based ... ieeexplore.ieee.org/iel5/ 8535/27072/01202408.pdf?arnumber=1202408 - Similar pages

Free! Google Desktop Search: Search your own computer. Download now.

Find: ☑ emails - ☐ files - & chats - ⓓ web history - ♪ media - ☒ PDF

"cleanup pass" JPEG parallel "4 I Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

Google Home - Advertising Programs - Business Solutions - About Google

©2005 Google

Yahoo! My Yahoo! Mail Welcome, Guest [Sign In]

Search Home Help

TAHOO SEARCH "cleanup pass" JPEG parallel "four bits"

| Meb | Images | Video | Directory | Local | News | Products | Cleanup pass" | IPEG parallel "four bits"

Search

**Shortcuts** 

Advanced Search

**Preferences** 

**Search Results** 

Results 1 - 1 of about 1 for cleanup pass jpeg parallel four bits - 0.36 sec. (About this page

1. Nimrod Peleg Nov. 2001 (PDF) 电

... JPEG 2000: March 1997: JTC 1.29.14 (ISO/IEC ... – error resilience. – parallel computations ... refinement, an cs.haifa.ac.il/~nimrod/Compression/Wavelets/w6jpeg2k-1.pdf - 682k - View as html - More from this site

Web | Images | Video | Directory | Local | News | Products

Your Search: "cleanup pass" JPEG parallel "four bits" Search

Help us improve your search experience. Send us feedback.

Yahoo! My Yahoo! Mail Welcome, Guest [Sign In]

Search Home Help

Và	OH	10	SEA	RCH
Tv			JEA	RUIT

 Web | Images | Video | Directory | Local | News | Products

 "cleanup pass" JPEG parallel "4 bits"

 Search

Shortcuts Advanced Search

Preferences

Search Results

Results 1 - 1 of about 1 for cleanup pass jpeg parallel 4 bits - 0.77 sec. (About this page

1. <a href="http://www.dtek.chalmers.se/~jemil/algo\_fk/source/jj2000/j2k/entropy/encoder/StdEntropyCode">http://www.dtek.chalmers.se/~jemil/algo\_fk/source/jj2000/j2k/entropy/encoder/J2k/entropy/encoder/StdEntropyCode</a>
Those intending to use \* this software module in hardware or software products are advised that \* their use may it dtek.chalmers.se/~jemil/algo\_fk/source/jj2000/j2k/entropy/encoder/... - 160k - Cached - More from this site

 Web | Images | Video | Directory | Local | News | Products

 Your Search: "cleanup pass" JPEG parallel "4 bits"

Search

Help us improve your search experience. Send us feedback.

**Preferences** 

Yahoo! My Yahoo! Mail Welcome, Guest [Sign In]

Search Home Help

YAL	OOF	SE	EAR	СН
-----	-----	----	-----	----

 Web | Images | Video | Directory | Local | News | Products

 "cleanup pass" JPEG parallel

#Search

Shortcuts Advanced Search

Search Results

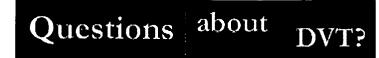
Results 1 - 5 of about 5 for cleanup pass jpeg parallel - 0.66 sec. (About this page

- 1. <a href="http://yun.ece.uci.edu/ImageProcessing/EBCOT-1.doc">http://yun.ece.uci.edu/ImageProcessing/EBCOT-1.doc</a> (MICROSOFT WORD) <a href="https://www.ece.uci.edu/ImageProcessing/EBCOT">https://www.ece.uci.edu/ImageProcessing/EBCOT-1.doc</a> (MICROSOFT WORD) <a href="https://www.ece.uci.edu/ImageProcessing/EBCOT">https://www.ece.uci.edu/ImageProcessing/EBCOT-1.doc</a> (1817k View as html More from this site
- 2. <a href="http://www.utdallas.edu/~mjg022000/JPEG/presentation.ppt">http://www.utdallas.edu/~mjg022000/JPEG/presentation.ppt</a> (MICROSOFT POWERPOINT) 电 ... Block diagram of the JPEG 2000 encoder (a) and decoder ... compression or decompression engine. Allow for www.utdallas.edu/~mjg022000/JPEG/presentation.ppt 1582k View as html More from this site
- 3. <a href="http://www.dtek.chalmers.se/~jemil/algo\_fk/source/jj2000/j2k/entropy/encoder/StdEntropyCode">http://www.dtek.chalmers.se/~jemil/algo\_fk/source/jj2000/j2k/entropy/encoder/StdEntropyCode</a>
  Those intending to use \* this software module in hardware or software products are advised that \* their use may in dtek.chalmers.se/~jemil/algo\_fk/source/jj2000/j2k/entropy/encoder/... 160k Cached More from this site
- 4. Nimrod Peleg Nov. 2001 (PDF) ... JPEG 2000: March 1997: JTC 1.29.14 (ISO/IEC ... error resilience. parallel computations ... refinement, an cs.haifa.ac.il/~nimrod/Compression/Wavelets/w6jpeg2k-1.pdf 682k View as html More from this site
- Audio/Video Transport (avt) Charter □
   ... RTP Payload Format for JPEG-compressed Video ... to complete a "wording cleanup" pass they want to do, s www.ietf.org/proceedings/02nov/212.htm 61k Cached More from this site

	Web	<u>Images</u>	<u>Video</u>	Directory	<u>Local</u>	<u>News</u>	Products	
Your Search:		nup pass"		arallel				Search

Help us improve your search experience. Send us feedback.







About Us

Newsroom

Advisory Board

Submit Web Site

Search Tips

Contact Us

**Basic Search** 

**Advanced Search Search Preferences** 

		_		
			"cleanup pass" JPEG parallel	earch
			☑ All journal sources ☑ All Web sources ☐ Exact phrase	
	Sea	arched for::	All of the words:"cleanup pass" AND JPEG AND parallel	
		Found::	:18 total   2 journal results   16 Web results	
		Sort by::	:relevance   <u>date</u>	
_		Save chec	ked results Email checked results	Refine your search
_	1.	The IPEG 2		using these keywords
1,;		Processing	Magazine	found in the results:
		Apr 2003		arithmetic coding
			and color still impress. This effect has been linear at 3000	block coding
			hotographic Experts Group. (The "joint" in JPEG refers to	clock cycle
			ora- tion between ITU and ISO see	code block
		more hits		<u>decoder</u>
		from [http similar res	://www.utdallas.edu/~mjg022000/overview/overview_1]	<u>error resilience</u>
	_			image compression
<b>I</b> l	2.	Apr 2003	ss-Parallel Context Modeling Architecture for JPEG2000	low pass
		-	ss-Parallel Context Modeling Architectureefficient	non zero
		architectur	e composed of <b>pass-parallel</b> context modeling scheme	precinct
				<u>quantization</u>
			on, pass parallel Introduction JPEG2000 [1] is  from [http://yun.ece.uci.edu/ImageProcessing/EBCOT-	<u>wavelet</u>
		1.doc]		wavelet coefficients
		similar res	<u>ults</u>	Or refine using:
	3.	EBCOT Cod	ding	All of the words
		Nov 2003		
			block coding is in particular suitable for <b>parallel</b> ations, in which more units process code-	refine
			gnificance Propagation <b>Pass</b> § Magnitude Refinement <b>Pass</b>	
		§ Cleanup	Pass The same steps are used during the decodification	•
		more hits f	from [http://www.jpeg.org/.demo/FAQJpeg2k/EBCOT-	
•		similar res		
	4.		block coding in JPEG 2000	

Taubman, D. / Ordentlich, E. / Weinberger, M. / Seroussi, G.,

pass...obtained by applying the JPEG 2000 algorithm to the...end-

indeed...performed before the cleanup pass in JPEG 2000. To see

Signal Processing: Image Communication, Jan 2002 ...included in P 1 p . 4.3 Cleanup pass The final coding

points (equivalently, the cleanup pass end-points) do

this, we...

## Full text article available from \*CIBECE @DIRECT similar results

**5.** An overview of the JPEG 2000 still image compression standard Rabbani, M. / Joshi, R., Signal Processing: Image Communication, Jan 2002

...Science B.V. An overview of the JPEG 2000 still image compression...Rochester, NY 14650, USA In 1996, the JPEG committee began to investigate...either the low pass or the highpass sequence will have one additional...coefficients as original samples. In **JPEG** 2000, this choice is dictated...

Full text article available from \*CIENCE @DIRECT similar results

6. Reversible Integer-to-Integer Wavelet Transforms for Image Coding Sep 2002

...arguments. In addition to this work, the **JPEG**-2000 image compression standard is discussed. In particular, the JPEG-2000 Part-1 codec is described, analyzed...130 A.3.10.3 Cleanup Pass... [http://www.ece.uvic.ca/~mdadams/papers/phdthesis.pdf] similar results

## 7. J2K PII.book

Aug 2000

... Photographic Experts Group Experts Group TITLE: JPEG 2000 Part II Committee Draft (revised and corrected) SOURCE: ISO/IEC JTC1/SC29 WG1, JPEG 2000 Editor Martin Boliek, Co- editors...and Mathias Larsson PROJECT: 1.29.15444 (JPEG 2000) STATUS: REQUESTED ACTION: For review... [http://www.itscj.ipsj.or.jp/sc29/open/29view/29n3820t....]

similar results

8. Microsoft Word - JPEG2000 Overview.doc Dec 2002

> ...Image 2-10:1 Lossless JPEG-LS 4-12 Bit Image 2-10...hardware implementations · Parallel implementation then each...Significance propagation pass o A bit is coded in this...is also employed in the cleanup pass The final bit-stream is...

[http://ee.tamu.edu/~pengxu/Research/JPEG2000Overview.p...] similar results

9. SSC02-VIII-3 SmallSat2002 V1.1.doc

Jun 2002

...this constraint by exploiting the **parallelism** among image processing units and...propagation, magnitude refinement and cleanup pass. Significance pass is used to...is flagged to be significant. Cleanup pass deals with significance and sign... [http://aria.cec.wustl.edu/SSC02/papers/viii-3.pdf] similar results

10. Audio/Video Transport (avt) Charter Jan 2003

> ...RFC2035 PS RTP Payload Format for JPEG-compressed Video RFC2032 PS RTP...RFC2435 PS RTP Payload Format for JPEGcompressed Video RFC2508 PS Compressing...have time to complete a "wording cleanup" pass they want to do, so we will wait... [http://www.ietf.org/proceedings/02nov/212.htm] similar results

> > fast :::

Test Zone | Toolbar | Subscribe to News Updates | User Feedback | Advertising Download Search Box | Tell A Friend | Terms Of Service | Privacy Policy | Legal Powered by FAST © Elsevier 2005

		•	<u> </u>
ELSEVIER	SCIENCE DIRECT	Register or Login: user name	Password: Go
Home	Search Dournals Books Abstract De	Ochoses My Profile Alerc	(1) Help
Quick Sea	arch: within All F	full-text Sources Go 🕜 Search	n Tips
			results 1 - 3
3 Arti	icles Found		
cleanup	pass AND JPEG AND parallel		
Edit Sea	arch   Save Search   Save as Search Alert		Search Within Results
a			
<b>←</b> a	isplay checked docs] 🔀 e-mail articles] 🕞 export ci	tations View: Citations	Sort By: Date
1. []	FPGA based EBCOT architecture for Microprocessors and Microsystems, In PProof, Available online 10 November 200 Manjunath Gangadhar and Dinesh Bhatia SummaryPlus   Full Text + Links   PDF	Press, Uncorrected 04,	
2. 🗍	Real-time DSP implementation of motion parallel-pass methods • ARTICLE  Real-Time Imaging, Volume 10, Issue 5, 6  Byeong-Doo Choi, Kang-Sun Choi, Min- SummaryPlus   Full Text + Links   PDF	October 2004, Pages 277-284 Cheol Hwang, Jun-ki Cho and	
3. 🗀	An overview of the JPEG 2000 still ima Signal Processing: Image Communication Majid Rabbani and Rajan Joshi Abstract		
3 Arti	icles Found		
cleanup	pass AND JPEG AND parallel		
Edit Sea	arch   Save Search   Save as Search Alert		
			results 1 - 3
.Home	Search Journals Books Abstract Da	tabases My Profile Alerts	

Feedback | Terms & Conditions | Privacy Policy

Copyright © 2005 Elsevier B.V. All rights reserved. ScienceDirect® is a registered trademark of Elsevier B.V.

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

**<b>QIEEE** 

Membership Publications/Services Standards Conferences

IEEE Xplore®

RELEASE 1.8

United States Page 1.8

Welcome
United States Patent and Trademark Office



Holo FAO Torms IEI	EE Peer Review Quick Links Search Re
Help FAQ Terms IEI Welcome to IEEE Xplore*	Quick Liliks
O- Home O- What Can I Access? O- Log-out	Your search matched <b>0</b> of <b>1138071</b> documents.  A maximum of <b>500</b> results are displayed, <b>15</b> to a page, sorted by <b>Relevance</b> in <b>Descending</b> order. <b>Refine This Search:</b>
Tables of Contents	You may refine your search by editing the current search expression or entering a new one in the text box.
O- Journals & Magazines	cleanup pass Search
Conference Proceedings	Check to search within this result set
O- Standards	Results Key:  JNL = Journal or Magazine CNF = Conference STD = Standard
Search  - By Author - Basic - Advanced - CrossRef	Results: No documents matched your query.
Member Services  Join IEEE Establish IEEE Web Account Access the IEEE Member Digital Library	
Access the IEEE Enterprise File Cabinet	

Print Format

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help |

FAQ | Terms | Back to Top

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Publications/Services Standards Conferences Careers/Jobs

Welcome **United States Patent and Trademark Office** 



Help FAQ Terms IE	EE Peer Review Quick Links Search I
Welcome to IEEE Xplore  - Home - What Can I Access? - Log-out  Tables of Contents	Your search matched <b>0</b> of <b>1138071</b> documents.  A maximum of <b>500</b> results are displayed, <b>15</b> to a page, sorted by <b>Relevance</b> in <b>Descending</b> order. <b>Refine This Search:</b> You may refine your search by editing the current search expression or entering a new one in the text box.
O- Journals & Magazines	cleanup <and>jpeg</and>
Conference Proceedings	Check to search within this result set
O- Standards	Results Key:  JNL = Journal or Magazine CNF = Conference STD = Standard
Search	
O- By Author O- Basic O- Advanced O- CrossRef	Results: No documents matched your query.
Member Services  Join IEEE  Establish IEEE Web Account  Access the IEEE Member Digital Library	
O- Access the IEEE Enterprise File Cabinet	

Print Format

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ | Terms | Back to Top

Copyright © 2004 IEEE --- All rights reserved

## Search Results

□\$B"#□(B Search of Full Paper

Word count: { [ cleanup: 11 ] [ pass: 1425 ] :: 1 } [ JPEG: 179 ] [ parallel: 3381 ]

## Total 1 documents match your query.

Vol.No. pp.x-x	Туре	Category	Title	Author	-	-
Vol.E87-C No.4 pp.448-456	PAPER	□\$B!!□ (B	A Single-Chip JPEG2000 Encode Processor Capable of Compressing D1-Images at 30 frames/s without Tile Division	Shigeyuki OKADA	躩	ALS.

Current List: 1 - 1

Page: [1]

Search String: "cleanup pass" JPEG parallel Next Search

how to search

### **SEARCH**

This search system is powered by Namazu v1.3.0.6

All Rights Reserved, Copyright (c) 1999 The Institute of Electronics, Information and Communication Engineers

## Search Results

□\$B"#□(B Search of Full Paper

Word count: [cleanup: 11] [pass: 1425] [JPEG: 179] [parallel: 3381]

Total 1 documents match your query.

Vol.No. pp.x-x	Type	Category	Title	Author	_	-
Vol.E87-C No.4 pp.448-456	PAPER	□\$B!!□ (B	A Single-Chip JPEG2000 Encode Processor Capable of Compressing D1-Images at 30 frames/s without Tile Division	Shigeyuki OKADA	<b>P</b>	Ãis.

Current List: 1 - 1

Page: [1]

Search String: cleanup pass JPEG parallel Next Search

how to search

### **SEARCH**

This search system is powered by Namazu v1.3.0.6

All Rights Reserved, Copyright (c) 1999 The Institute of Electronics, Information and Communication Engineers